SONY

DIGITAL AUDIO MIXING CONSOLE

OXF-R3
OXF-R3/24

CONTROL PANEL
OXF-CP3048

CONTROL PANEL
OXF-CP3024

SP RACK
OXF-SP3000

I/O RACK
OXF-IO3000

MIC/LINE A/D CONVERTER
DMBK-R3001

MONITOR D/A CONVERTER
DMBK-R3002

LINE A/D CONVERTER
DMBK-R3003

LINE D/A CONVERTER
DMBK-R3004

SP BOARD
DMBK-R3005

SP LINK BOARD
DMBK-R3006

SDIF-2 I/O BOARD
DMBK-R3007

AES/EBU D I/O BOARD
DMBK-R3008

TIME CODE BOARD
DMBK-R3009

GPI CONTROL BOARD
DMBK-R3010

PRODUCER'S DESK
DMBK-R3011

SPEAKER STAND
DMBK-R3012

MAINTENANCE MANUAL

Volume 1 1st Edition (Revised 1)

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理など行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

OXF-R3	Serial No. 10001and Higher
OXF-R3/24	Serial No. 10001and Higher
OXF-CP3048	Serial No. 20001and Higher
OXF-CP3024	Serial No. 20001and Higher
OXF-SP3000	Serial No. 20001and Higher
OXF-IO3000	Serial No. 20001and Higher
DMBK-R3001	Serial No. 10001and Higher
DMBK-R3002	Serial No. 10001and Higher
DMBK-R3003	Serial No. 10001and Higher
DMBK-R3004	Serial No. 10001and Higher
DMBK-R3005	Serial No. 10001and Higher
DMBK-R3006	Serial No. 10001and Higher
DMBK-R3007	Serial No. 10001and Higher
DMBK-R3008	Serial No. 10001and Higher
DMBK-R3009	Serial No. 10001and Higher
DMBK-R3010	Serial No. 10001and Higher
DMBK-R3011	Serial No. 10001and Higher
DMBK-R3012	Serial No. 10001and Higher

警告
当モデルは電源スイッチを備えていません。
万一，異常が生じた際に，お客様が電源をOFFすることができるように，設置の際には，機器近くの固定配線内に専用遮断装置を設けるか，機器使用中に，容易に抜き差しできるコンセントに電源プラグを接続してください。

WARNING
This unit has no power switch.
When installing the unit, incorporate a readily accessible disconnect device in the fixed wiring, or connect the power cord to a socket-outlet which must be provided near the unit and easily accessible, so that the user can turn off the power in case a fault should occur.

WARNUNG
Dieses Gerät hat keinen Netzschalter.
Beim Einbau des Geräts ist daher im Festkabel ein leicht zugänglicher Unterbrecher einzufügen, oder das Netzkabel mu*ß* mit einer in der Nähe des Geräts befindlichen, leicht zugänglichen Wandsteckdose verbunden werden, damit sich bei einer Funktionsstörung die Stromversorgung zum Gerät jederzeit unterbrechen lä*ß*t.

Attention-when the product is installed in Rack:

1. **Prevention against overloading of branch circuit**
   When this product is installed in a rack and is supplied power from an outlet on the rack, please make sure that the rack does not overload the supply circuit.

2. **Providing protective earth**
   When this product is installed in a rack and is supplied power from an outlet on the rack, please confirm that the outlet is provided with a suitable protective earth connection.

3. **Internal air ambient temperature of the rack**
   When this product is installed in a rack, please make sure that the internal air ambient temperature of the rack is within the specified limit of this product.

4. **Prevention against achieving hazardous condition due to uneven mechanical loading**
   When this product is installed in a rack, please make sure that the rack does not achieve hazardous condition due to uneven mechanical loading.

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Table of Contents

Manual Structure

Purpose of this manual ..... 3(E)
Contents ..... 3(E)
Related manuals ..... 3(E)

1. Service Overview

1-1. OXF-CP3048/OXF-CP3024 ..... 1-1(E)
1-1-1. Boards Location ..... 1-1(E)
1-1-2. Opening of the Control Panel ..... 1-4(E)
1-1-3. Opening of the Power Supply Block/Rear Panel ..... 1-5(E)
1-1-4. Replacement of Master Fader Assembly ..... 1-6(E)
1-1-5. Replacement of Fader Assembly ..... 1-7(E)
1-1-6. Replacement of LCD ..... 1-8(E)
1-1-7. Note When Replacing the Fader Module Assembly, PAN Module Assembly and Meter Panel Assembly and SEL PAN-MF Module Assembly ..... 1-9(E)
1-1-8. Note When Replacing the Trackerball I/F Board (IFC718) .... 1-10(E)
1-1-9. Note When Replacing the PCI Mother Board (AXPpci33) .... 1-10(E)
1-1-10. Note When Replacing the X Terminal Board (XP-200) ..... 1-14(E)
1-2. OXF-SP3000 ..... 1-16(E)
1-2-1. Boards Location ..... 1-16(E)
1-2-2. Cabinet Removal ..... 1-16(E)
1-2-3. Replacement of DC Fan and Switching Regulator (Power Supply Unit) ..... 1-17(E)
1-2-4. Replacement of Fuse ..... 1-21(E)
1-3. OXF-IO3000 ..... 1-22(E)
1-3-1. Boards Location ..... 1-22(E)
1-3-2. Cabinet Removal ..... 1-23(E)
1-3-3. Replacement of Switching Regulator ..... 1-23(E)
1-3-4. Replacement of DC Fan ..... 1-25(E)
1-4. Repair Service of PCI Mother Board (AXPpci33), Network Interface Card, X Terminal Board (XP-200), Trackerball I/F Board (IFC718), MB-631 Board and PR-217 Board (DMBK-R3005) ..... 1-26(E)

2. Electrical Alignment

2-1. ADC-25 Board (DMBK-R3001) Adjustment ..... 2-2(E)
2-2. ADC-26 Board (DMBK-R3003) Adjustment ..... 2-5(E)
2-3. DAC-18 Board (DMBK-R3002) Adjustment ..... 2-7(E)
2-4. DAC-19 Board (DMBK-R3004) Adjustment ..... 2-9(E)
2-5. PSW-34 Board Adjustment ..... 2-12(E)
2-6. PSW-35 Board Adjustment ..... 2-13(E)

3. Spare Parts

3-1. Notes on Repair Parts 3-1
3-2. Exploded Views 3-2
  3-2-1. OXF-CP3048/OXF-CP3024 3-2
  3-2-2. OXF-SP3000 3-50
  3-2-3. OXF-IO3000 3-56
  3-2-4. DMBK-R3011 3-60
  3-2-5. DMBK-R3012 3-62
3-3. Electrical Parts List 3-63
  3-3-1. OXF-CP3048/OXF-CP3024 3-63
  3-3-2. OXF-SP3000 3-103
  3-3-3. OXF-IO3000 3-107
  3-3-4. DMBK-R3001 3-111
  3-3-5. DMBK-R3002 3-116
  3-3-6. DMBK-R3003 3-121
  3-3-7. DMBK-R3004 3-126
  3-3-8. DMBK-R3005 3-130
  3-3-9. DMBK-R3006 3-132
  3-3-10. DMBK-R3007 3-134
  3-3-11. DMBK-R3008 3-136
  3-3-12. DMBK-R3009 3-139
  3-3-13. DMBK-R3010 3-140
3-4 Accessories Supplied 3-142

4. Block Diagrams and Description

Manual Structure

Purpose of this manual

This manual is the Maintenance Manual of the Digital Audio Mixing Console OXF-R3 (and the following models), OXF-R3/24 (and the following models).
OXF-CP3048 (OXF-R3 only), OXF-CP3024 (OXF-R3/24 only), OXF-SP3000, OXF-IO3000, DMBK-R3001, DMBK-R3002, DMBK-R3003, DMBK-R3004, DMBK-R3005, DMBK-R3006, DMBK-R3007, DMBK-R3008, DMBK-R3009, DMBK-R3010, DMBK-R3011, DMBK-R3012.
This manual is intended for use by trained system and service engineers, and describes the detailed service information with the intention of servicing based on the component parts (schematic diagrams, board layouts, detailed spare parts list and so on).

Contents

This manual is organized by following sections.

Maintenance Manual, Volume 1

Section 1 Service Overview

This section describes the service information (board location, cabinet removal and the replacement of the major parts).

Section 2 Electrical Alignment

This section describes checks and adjustments required when the boards or its components have been replaced.

Section 3 Spare Parts

This section describes spare parts (mechanical parts list, electrical parts list and supplied accessories list).

Section 4 Block Diagrams

This section describes the block diagrams of circuit board and circuit description.

Maintenance Manual, Volume 2 (Prepared separately)

Section 5 Board Layouts

Section 6 Schematic Diagrams

Related manuals

- **Operation Manual (Supplied with the OXF-R3 and OXF-R3/24)**
  This manual is necessary for application and operation of the OXF-R3 and OXF-R3/24.

- **Installation Manual (Supplied with the OXF-R3 and OXF-R3/24)**
  This manual describes the information when installing OXF-R3 and OXF-R3/24.

Note

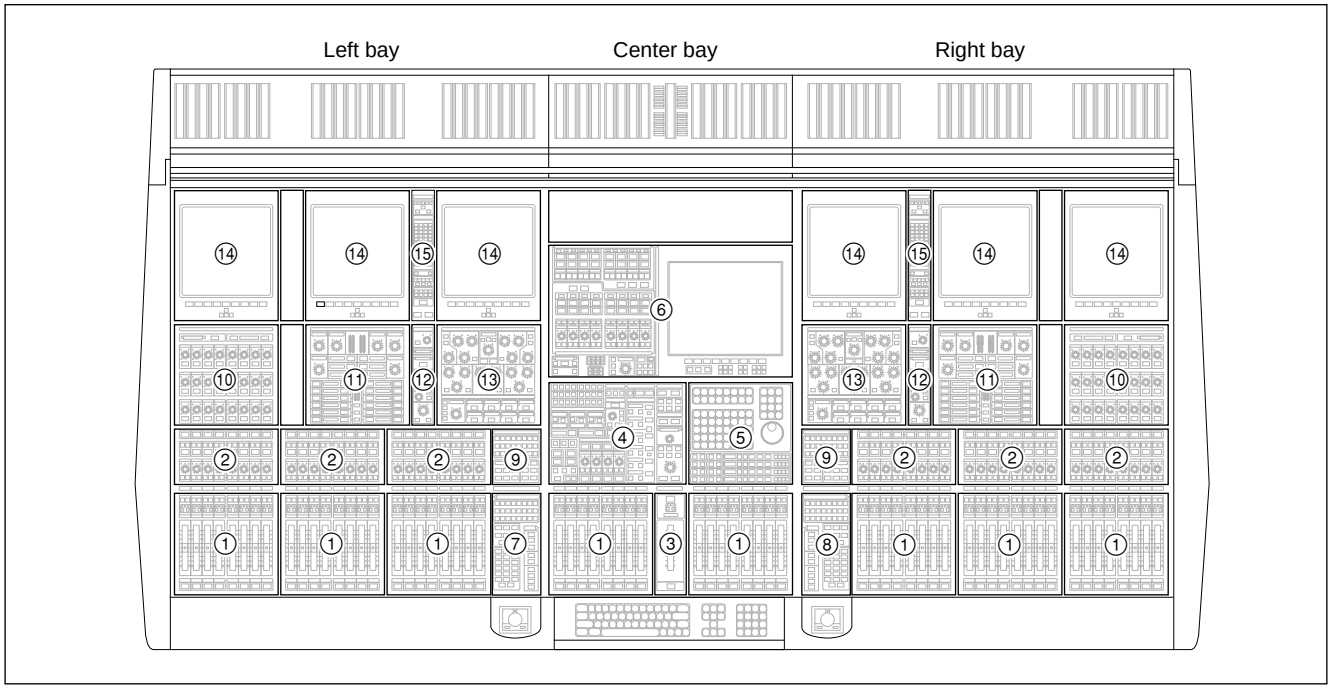
Unless otherwise specified, all names of companies and products are trademarks or registered trademarks of the respective companies.

Section 1
Service Overview

1-1. OXF-CP3048/OXF-CP3024

1-1-1. Boards Location

1. Module Assembly Location



Note

The boards in ( ) are used in each module assembly. Refer to the exploded views in "3. Spare Parts" for the each board location.

Left bay

① FDR (DP-220, SW-759, SW-758, DP-221, IF-528)
② PAN (SW-761, DP-222)
⑦ FDR SEL-L (SW-760)
⑨ SEL PAN-MF (SW-985, IF-725)
⑩ SEND KNOB (SW-773, DP-228, DP-222)
⑪ FA/DYNA (SW-766, DP-225)
⑫ MULTI (SW-767, DP-226)
⑬ IN/EQ (SW-765, DP-224)
⑭ LCD (CN-1236, SW-771, IF-536)
⑮ ROUT (SW-768, SW-769)

Center bay

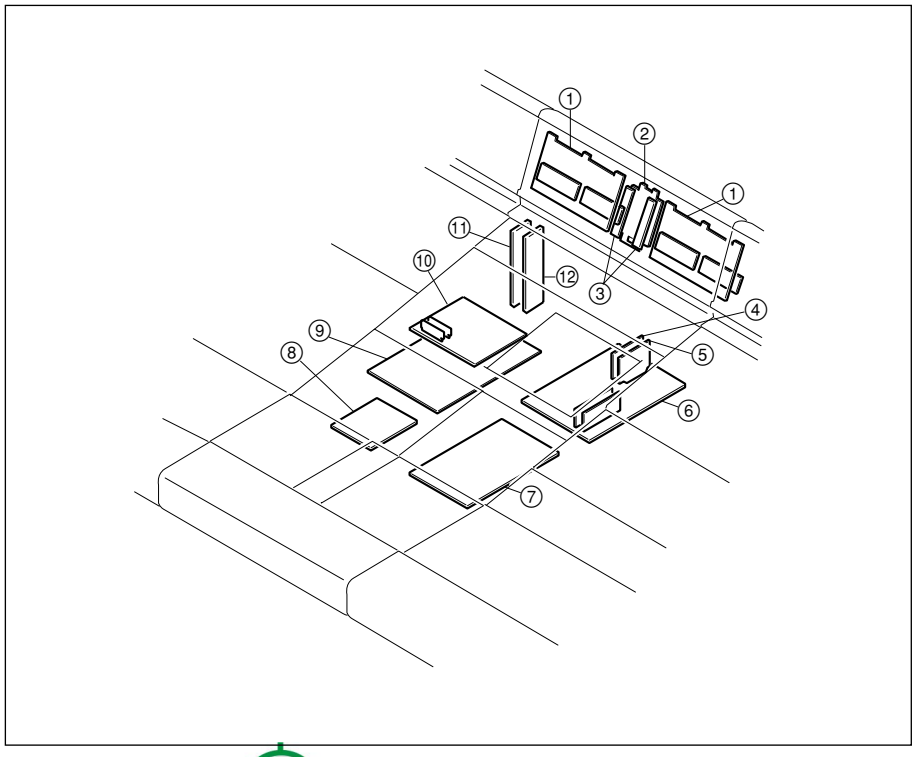
① FDR (DP-220, SW-759, SW-758, DP-221, IF-528)
③ MAS FDR (SW-774A, DP-229, IF-535, SW-774B)
④ MONI (SW-775, DP-230, MIC)
⑤ CTL KB (SW-776)
⑥ ST/SEND/LCD-2 (CN-1236, DP-220, SW-788, DP-222, DP-247, SW-777, IF-536)

Right bay (OXF-CP3048 only)

① FDR (DP-220, SW-759, SW-758, DP-221, IF-528)
② PAN (SW-761, DP-222)
⑧ FDR SEL-R (SW-787)
⑨ SEL PAN-MF (SW-985, IF-725)
⑩ SEND KNOB (SW-773, DP-228, DP-222)
⑪ FA/DYNA (SW-766, DP-225)
⑫ MULTI (SW-767, DP-226)
⑬ IN/EQ (SW-765, DP-224)
⑭ LCD (CN-1236, SW-771, IF-536)
⑮ ROUT (SW-768, SW-769)

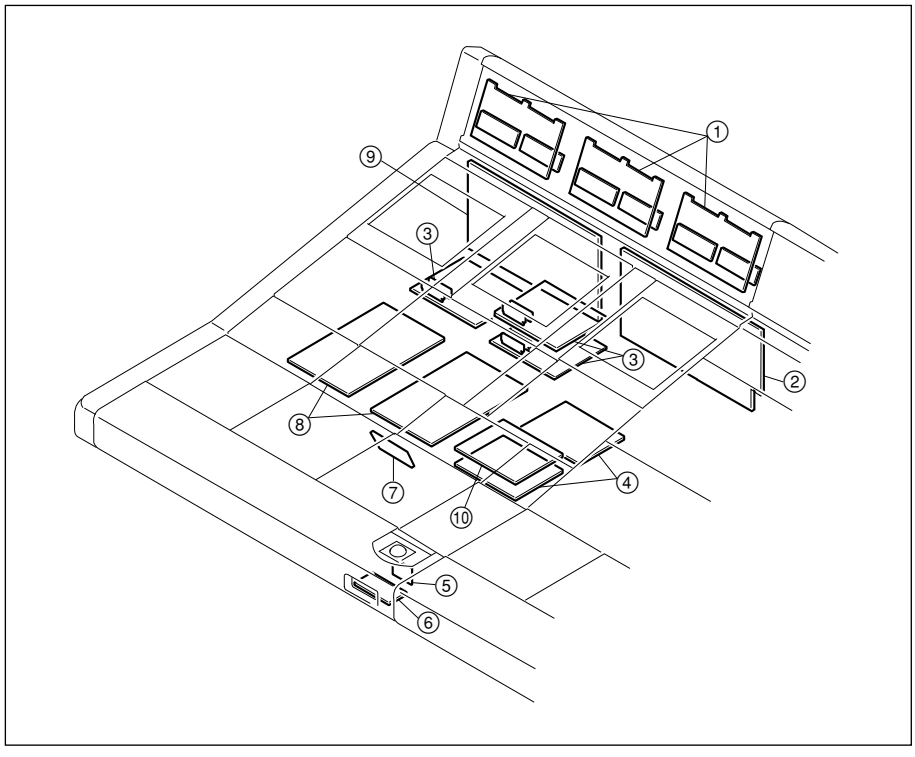
2. Center bay

① MB-625
② IF-530
③ DP-232
④ IF-581B
⑤ Network Interface Card (DE-450)
⑥ PCI Mother Board (AXPpci33)
⑦ CN-1179
⑧ BF-57
⑨ SCC-4
⑩ X Terminal Board (XP-200)
⑪ CN-1177
⑫ CN-1176



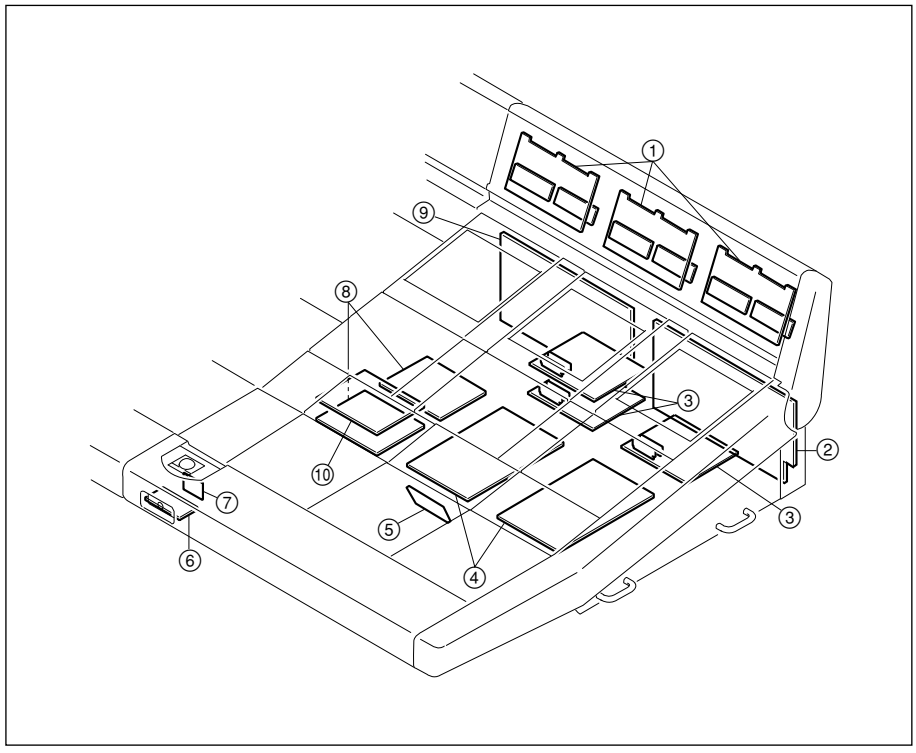
3. Left bay

① MB-625
② PSW-34
③ X Terminal Board (XP-200)
④ BF-57
⑤ Trackerball I/F Board (IFC718)
⑥ HP-67
⑦ LED-136B
⑧ CN-1179
⑨ PSW-35
⑩ IF-712



4. Right bay

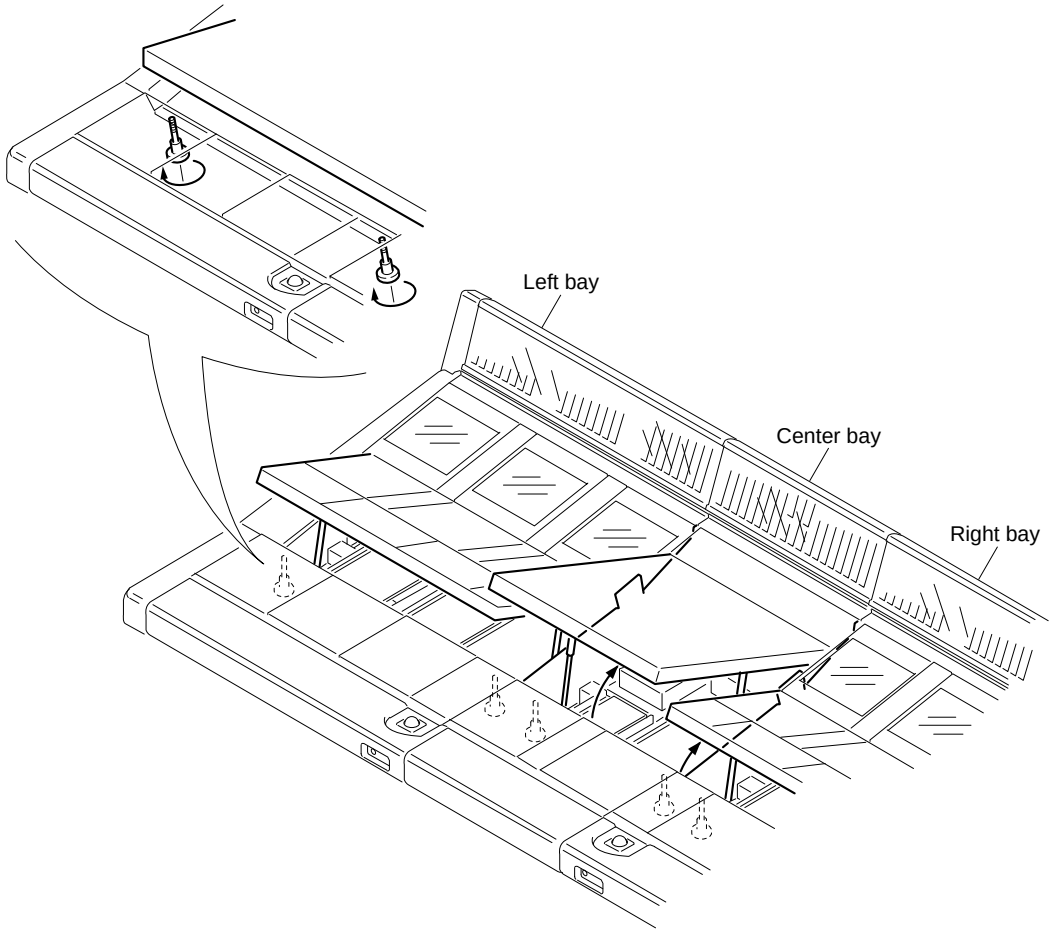
① MB-625
② PSW-34
③ X Terminal Board (XP-200)
④ CN-1179
⑤ LED-136B
⑥ HP-67
⑦ Trackerball I/F Board (IFC718)
⑧ BF-57
⑨ PSW-35
⑩ IF-712



1-1-2. Opening of the Control Panel

(1) Rotate the fitting screws from the bottom of the each bay to release the lock.
(2) Open the control panel.

・The illustration shows OXF-CP3048.



1-1-3. Opening of the Power Supply Block/Rear Panel

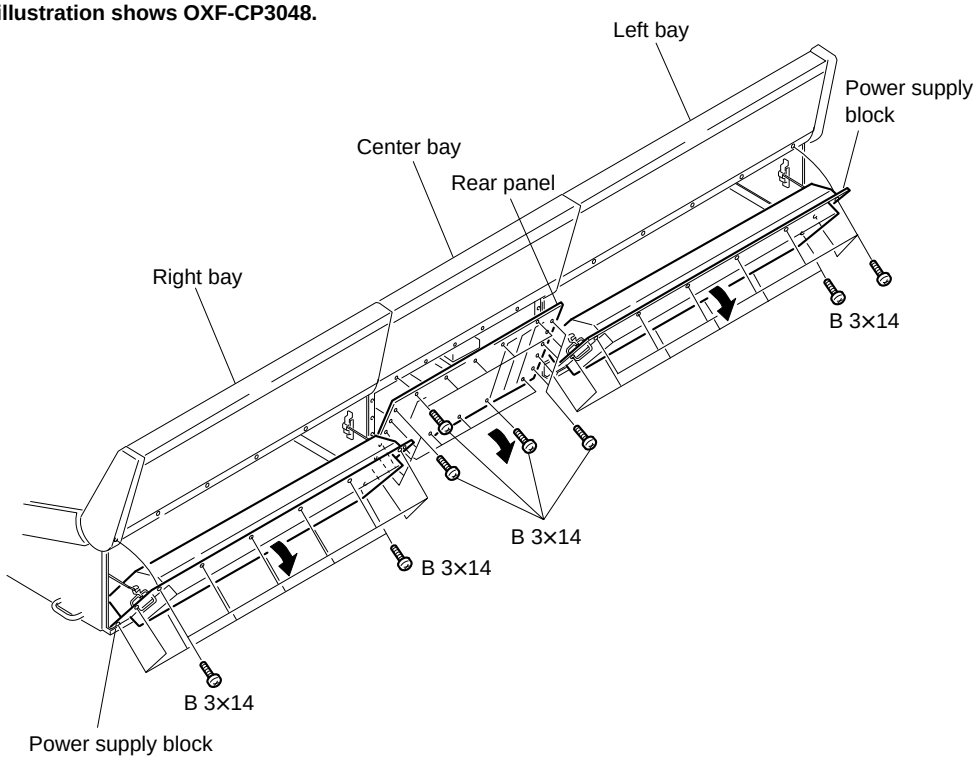
Power Supply Block Opening (left and right bays)

- Remove the fixing screws (B3 × 14) (fourteen each) from the power supply block on the rear of the left and right bays, and open the power supply blocks in the direction of the arrow.

Rear Panel Opening (center bay)

- Remove the twenty fixing screws (B3 × 14) from the rear panel of the center bay, and open the rear panel in the direction of the arrow.

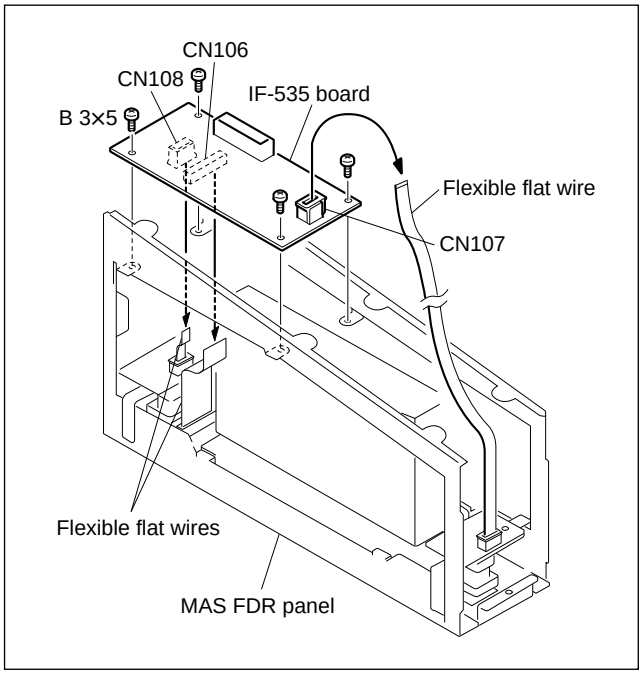
• The illustration shows OXF-CP3048.



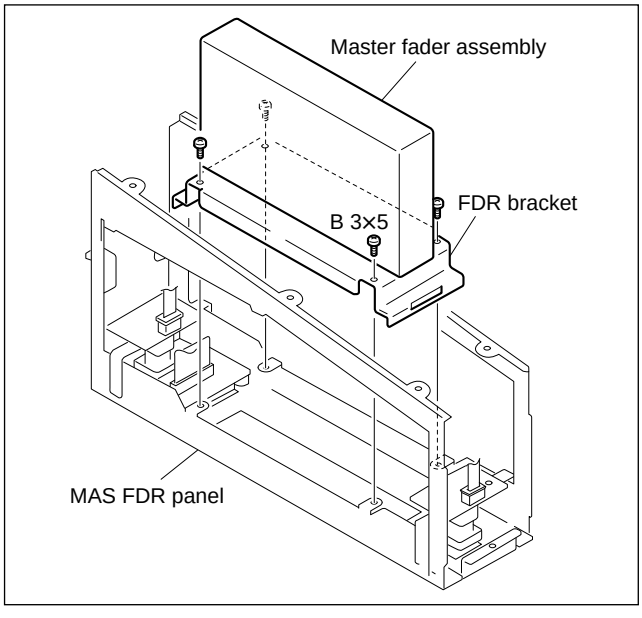
1-1-4. Replacement of Master Fader Assembly

Procedure

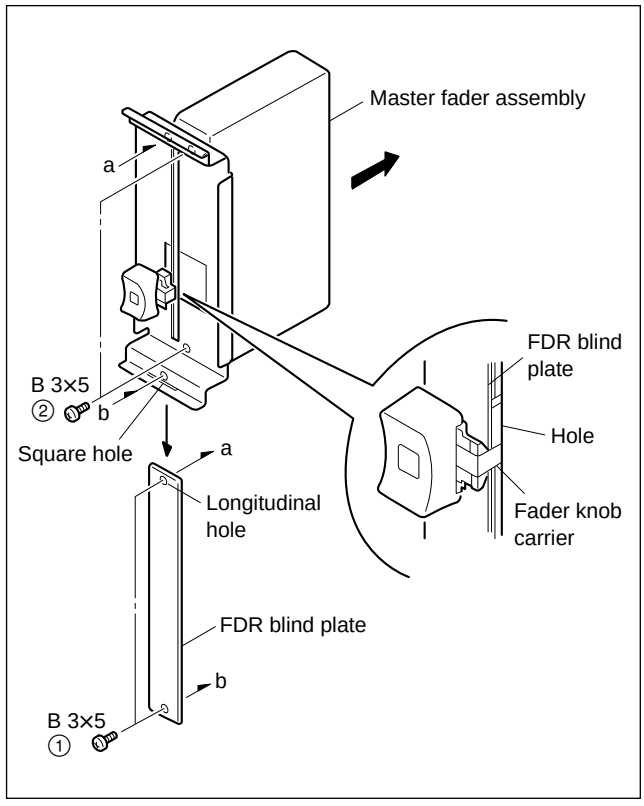
(1) Remove the master fader module assembly from the control panel of the center bay.
(Refer to the "3-2. Exploded Views" for the removal.)
(2) Disconnect the three flexible flat wires from the connectors (CN106, CN107, CN108) on the IF-535 board.
(3) Remove the four screws (B3 × 5) and remove the IF-535 board from the MAS FDR panel.



(4) Remove the four screws (B3 × 5) and remove the master fader assembly with the FDR bracket from the MAS FDR panel.



(5) Remove the two screws (B3 × 5) ① and remove the FDR blind plate from the FDR bracket.
(6) Remove the two screws (B3 × 5) ② and remove the master fader assembly in the direction of the arrow.



(7) Install a new master fader assembly to the master fader module assembly in the reverse order from (2) to (6) and install the master fader module assembly to the control panel.

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1-1-5. Replacement of Fader Assembly

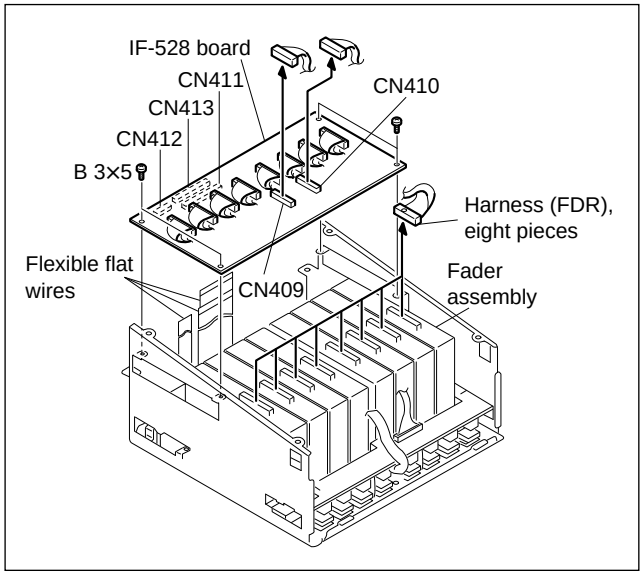
Procedure

(1) Remove the fader module assembly in which the fader assembly needs to be replaced, from the control panel (center, left or right bay).
(Refer to the “3-2. Exploded Views” for the removal.)

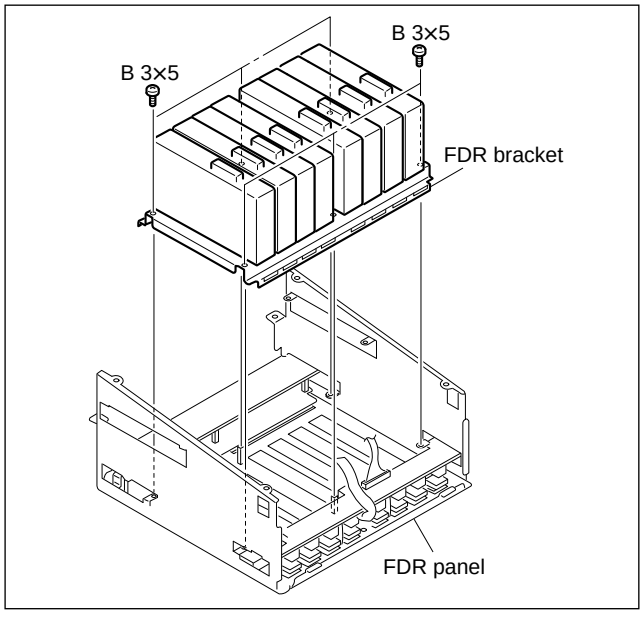
(2) Disconnect the harness from the connector (CN1) of each fader assembly.

(3) Disconnect the harness and flexible flat wires from the connectors (CN409, CN410, CN411, CN412 and CN413) on the IF-582 board.

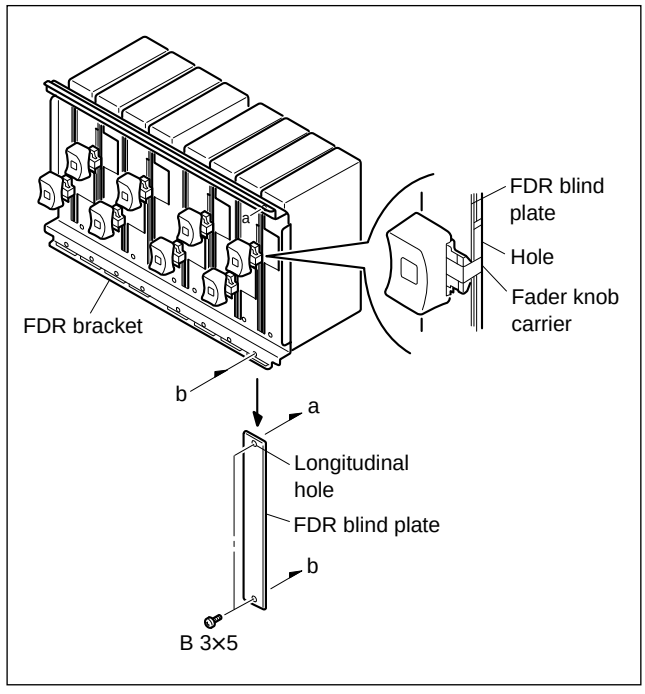
(4) Remove the four screws (B3 × 5) and remove the IF-582 board from the FDR panel.



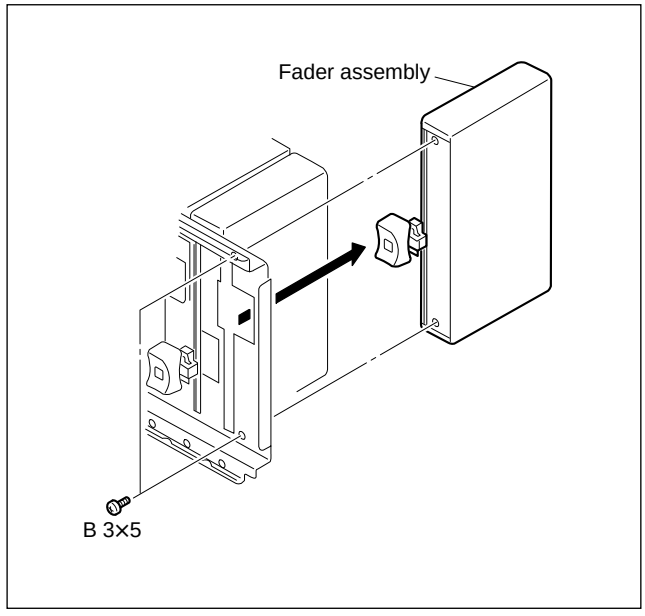
(5) Remove the six screws (B3 × 5) and remove the fader assembly with the FDR bracket from the FDR panel.



(6) Remove the two screws (B3 × 5) and remove each FDR blind plate of the fader assembly which needs to be replaced, from the FDR bracket.



(7) Remove the two screws (B3 × 5) and remove the fader assembly which needs to be replaced, from the FDR bracket.



(8) Install a new fader assembly to the fader module assembly in the reverse order from (2) to (6) and install the fader module assembly to the control panel.

1-1-6. Replacement of LCD

Note on LCD Replacement

There are two types of TFT-LCD and also two types of DC-AC inverter unit used in this unit depending upon serial numbers.

① OXF-CP3048 Serial No. 20001 to 20005
TFT-LCD (LQ10D345) : 1-801-741-11
DC-AC inverter unit : 1-475-149-11

② OXF-CP3048 Serial No. 20006 and higher
OXF-CP3024 Serial No. 20001 and higher
TFT-LCD (LQ10D41) : 1-801-741-12
DC-AC inverter unit : 1-475-529-11

Be sure to replace the TFT-LEC and DC-AC inverter unit in the above described conbination ① or ②.

1. Replacement of TFT-LCD in LCD module assembly

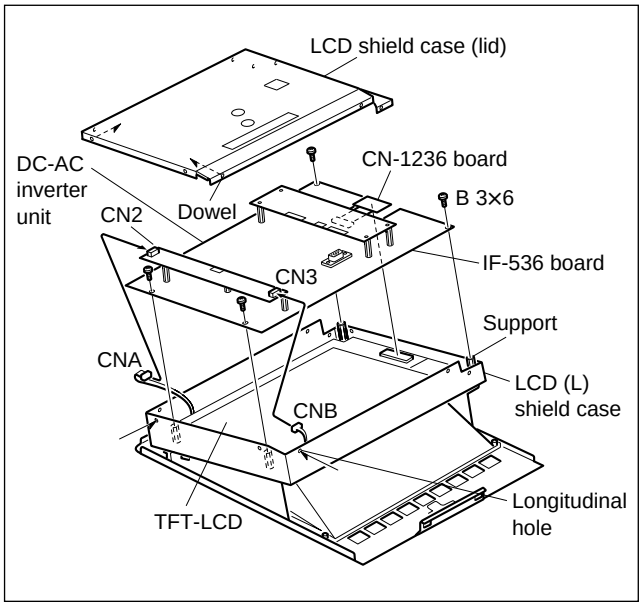
(1) Remove the LCD module assembly in which TFT-LCD needs to be replaced, from the control panel (left or right bay).
(Refer to the "3-2. Exploded Views" for the removal.)

(2) Remove the LCD shield case (lid) while unlocking the ten dowels from the ten longitudinal holes of the LCD (L) shield case.

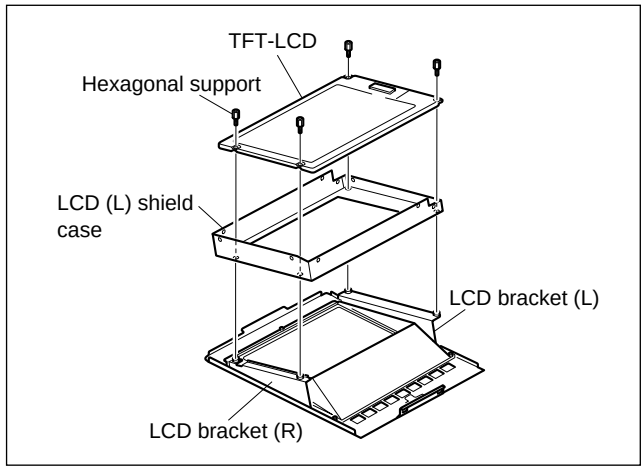
(3) Disconnect the CN-1236 board from the CN1 of the TFT-LCD.

(4) Disconnect the connectors from the connectors (CN2, CN3) of the DC-AC inverter unit.

(5) Remove the four screws (B3 × 6) and remove the IF-536 board from the supports.



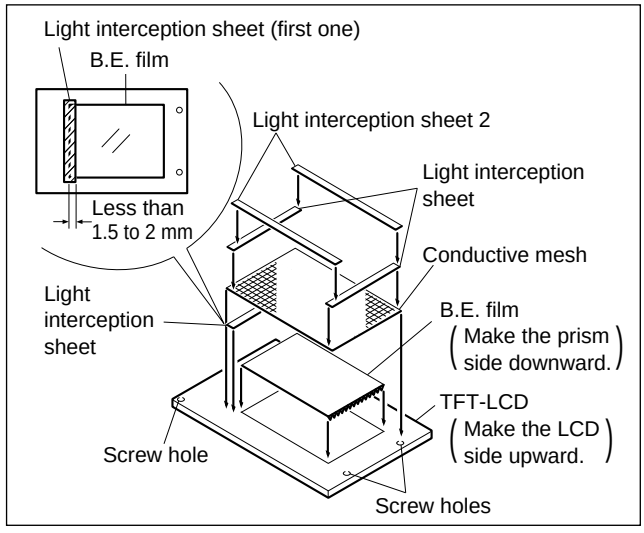
(6) Remove the four hexagonal supports and remove the TFT-LCD from the LCD (L) shield case.



(7) Install the B. E. film, light interception sheet(three pieces), conductive mesh and light interception sheet 2 (two pieces) on the display side of a new TFT-LCD as shown in the figure.
Use the the B. E. film, light interception sheet, conductive mesh and light inerception sheet 2 which are removed from the TFT-LCD before the replacement, or use new ones.

Notes

- Be sure to put on a pair of gloves to handle the B. E. film because the B. E. film is very easy to get scars and also fingerprint.
- The first light interception sheet serves to prevent the LCD light from leaking outside and to fix the B. E. film. Protrusion of the light interception sheet onto the TFT-LCD panel must be less than 1.5 mm to 2 mm.
- The light interception sheet fixing the conductive mush, and the light interception sheet 2 should not protrude onto the TFT-LCD panel.
- Be careful not to cover the screw holes of the TFT-LCD when attaching the removed parts.



(8) Install the TFT-LCD and the LCD (L) shield case to LCD brackets with the four hexagonal supports.
Tightening torque of the hexagonal support :
0.7 N•m (7kgf • cm)
(9) Assemble the LCD module assembly in the reverse order from (2) to (5).

2. Replacement of TFT-LCD in ST/SEND/LCD-2 module assembly

(1) Remove the ST/SEND/LCD-2 module assembly from the control panel (center bay).
(Refer to the "3-2. Exploded Views" for the removal.)
(2) Replace the TFT-LCD of the ST/SEND/LCD-2 module assembly with a new one.
Refer to the "1. Replacement of TFT-LCD in LCD module assembly" for the replacement.)

1-1-7. Note When Replacing the Fader Module Assembly, PAN Module Assembly and Meter Panel Assembly and SEL PAN-MF Module Assembly

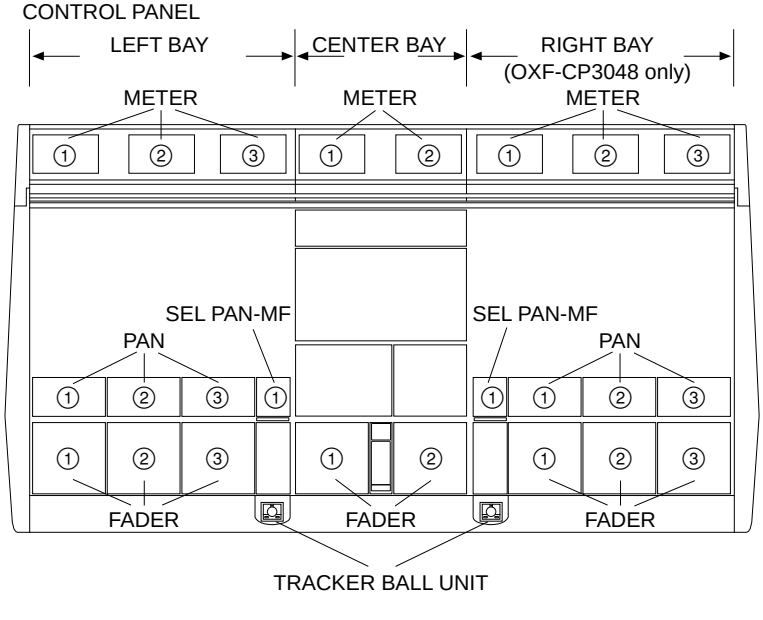
When replacing the following board of the fader module assembly, PAN module assembly, meter panel assembly and SEL PAN-MF module assembly or each module assembly (panel assembly), set the module ADDRESS of a new module assembly (panel assembly) according to the following "ADDRESS setting for module". After that, install each module assembly to the control panel.

Fader module assembly ; IF-582 board
PAN module assembly ; SW-761 board
Meter panel assembly ; MB-625 board
SEL PAN-MF module assembly ; IF-712 boasrd

ADDRESS setting for module

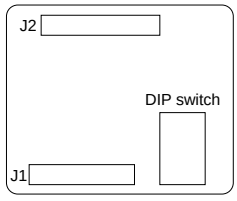
The module ADDRESS can be modified with the rotary switches on respective board on the following list.

Module (Panel)	Setting Rotary switch	ADDRESS setting for module							
		LEFT bay			CENTER bay		RIGHT bay (OXF-CP3048 only)		
		①	②	③	①	②	①	②	③
Fade	IF-582 board								
	S401	8	a	b	2	3	4	5	6
Meter	MB-625 board								
	S201	0	0	1	0	1	0	1	0
PAN	SW-761 board								
	S201	0	0	1	–	–	0	1	0
SEL PAN-MF	IF-712 board								
	S201	0	–	–	–	–	1	–	–



1-1-8. Note When Replacing the Trackerball I/F Board (IFC718)

When replacing the I/F board (IFC718) of the trackerball unit, set the DIP switches on a new I/F board (IFC718) according to the following. After that, install each trackerball unit to the control panel.
Set the DIP switches of both left and right bay in the same way.



DIP Switch Setting of I/F Board (IFC718)

DIP Switch −1 ; OFF
−2, −3 ; ON
−4 to −8 ; OFF

1-1-9. Note When Replacing the PCI Mother Board (AXPpci33)

When replacing the PCI mother board (AXPpci33), perform the following procedures to a new PCI mother board (AXPpci33).

1. Installation of SIMM Module, SRAM, IF-581B Board, Network Interface Card (DE-450) and Heat Sink

Note

Use the the SIMM module, SRAM, IF-581B board, network interface card (DE-450) and heat sink which are removed from the PCI mother board (AXPpci33) before the replacement, or use new ones.

Part name	The number of boards	Installation on PCI mother board (AXPpci33)
SIMM module (TM497MBK36A-70)	2	J2, J3 connector
SRAM (IDT71256SA-15TP)	11	XE100 to XE110 IC socket
IF-581B board	1	J25 connector
Network interface card (DE-450)∗	1	J26 connector
Heat sink	1	CPU

Note

When the network interface card (DE-450) is replaced, **/etc/bootptab (the 'ha' (hardware address) value of the 'fpanel' line)** of host computer should be altered in accordance with the hexadecimal value (displayed on the label on the rear of the new interface card) as shown by the asterisk (∗) mark below.

EWA0 XX-XX-XX-XX-XX-XX ∗

2. Jumper setting

Perform the jumper setting of PCI mother board (AXPpci33).

Note

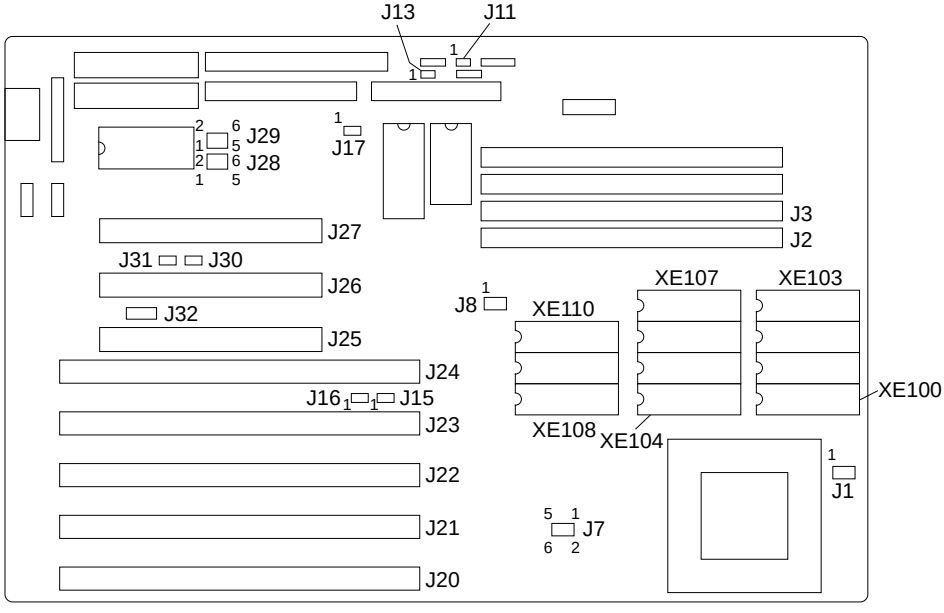
Set all jumper pins to OPEN except those shown below.

Jumper	Setting		Description
J7	5 1 J7 6 2	pin3-4 : short pin5-6 : short	CPU clock 166 MHz
J8	1 2 3 J8	pin 1-2 : short	RESET Enable
J13	1 J13	short	Terminator Enabled
J28	2 6 J28 1 5	pin1-3: short	Flash SROM

short ; jumper socket is inserted, open ; jumper socket is not inserted

Other notes for replacement

- Be sure to re-connect the harness (FAN) of the CPU fan, that has been removed from the J1 connector of the PCI mother board (AXPpci33) back to the original J1 connector of PCI after replacement.
- The harness (RESET) should be connected to the J11 connector (pin-1 : GND, pin-2 : RESET) of the PCI mother board (AXPpci33) while aligning the pin index of the harness.



PCI Mother Board (AXPpci33)

3. Checks and settings after installation

After installing a new PCI mother board (AXPpci33) to the control panel (center bay), perform the following checks and settings.

Equipment required

VT100 terminal

Preparation

Connect the VT100 terminal to the RS232C connector on the rear panel of the control panel.

Procedure

• Check of the initial condition

(1) After turning ON the POWER of the control panel, check the description of the following three messages in the bootup messages which are displayed on the VT100 terminal.

bootup messages	Description
.....	
CPU 0 speed is 6.00 ns (167MHz)	Checking the CPU clock speed
.....	
Memory size = 32 Mbytes	Checking the recognition of the SIMM which have been installed
.....	
Backup cache size = 256Kb	Checking the recognition of the CACHE which have been installed

(2) Check that the following prompt is displayed at the last of the bootup message.

>>>

(3) Input the following command from the VT100 terminal.

>>> show config

Check the following description which is displayed on the terminal.
(The displayed value “X3. 12-2653 VMS PALcod ....” changes depending upon the firmware version.)

```
SRM Console X3. 12–2653  VMS PALcode X5. 48–94, OSF PALcode X1. 35–59
MEMORY – 32 Meg of system memory


PCI
Slot     Device                  Class       Sub–class
6        NCR 53C810              Default     0
7        Intel SIO 82378ZB       Default     0
8
9
10
11
12       DECchip 21040Å|AA       Network     0
ISA
Slot     Device      Name        Type        Enabled     BaseAddr     IRQ      DMA
0
         0           MOUSE       Embedded    Yes         60           12
         1           KBD         Embedded    Yes         60           1
         2           COM1        Embedded    Yes         3f8          4
         3           COM2        Embedded    Yes         2f8          3
         4           LPT1        Embedded    Yes         3bc          7
         5           FLOPPY      Embedded    Yes         3f0          6        2
>>>
```

(4) Input the following command from the VT100 terminal.

>>> show device

Check the following description which is displayed on the terminal.
(The displayed value “08−00−2B−E4−9F−98” is different in every network interface card (DE-450).)

```
dva0. 0. 0. 0. 1        DVA0
ewa0. 0. 0. 12. 0       EWA008−00−2B−E4−9F−98
pka0. 7. 0. 6. 0        PKA0 SCSI Bus ID 7
```

• Setting

(5) Input the following command from the VT100 terminal.

>>> set auto_action boot

Note

From the next time and later when the main power of the machine is turned on, the system boots automatically after displaying >>>. When you want the display >>> for re-setting or for other purposes, turn on the main power, enter CTRL − C to let >>> appear and enter the command “**set auto_action halt**”.

>>> set bootdef_dev ewa0
>>> set ewa0_mode bnc
Change mode to BNC.
>>> set ewa0_protocols bootp
>>>

(6) Input the command **show** from the VT100 terminal and check the value which have been set in the previous procedure.

>>> show auto_action
auto_action BOOT
>>> show bootdef_dev
bootdef_dev ewa0. 0. 0. 12. 0
>>> show ewa0_mode
ewa0_mode BNC
>>> show ewa0_protocols
ewa0_protocols BOOTP
>>>

(7) Change the /etc/bootptab of the host computer.
(8) Turn OFF the POWER of the control panel (OXF-CP3048/OXF-CP3024) once, and then turn ON the POWER.
(9) After a while, check that the prompt ‘fpanel->’ is displayed on the VT100 terminal.
(10) After checks and settings have been completed, disconnect the VT100 terminal.

1-1-10. Note When Replacing the X Terminal Board (XP-200)

When replacing the X terminal board (XP-200), perform the following procedures to a new X terminal board (XP-200).

1. Installation of SIMM module
   Use the the SIMM module which are removed from the X terminal board (XP-200) before the replacement, or use new one.

   SIMM module (TM248CBK32F-60) ; 1

2. Remove the switch button and the extension rod of the POWER switch, press the POWER switch to turn on the main power.

3. Checks and settings after installation
   After installing a new X terminal board (XP-200) to the control panel, perform the following checks and settings.
   For checks and settings, unique keyboard TEKTRONIX ACK-200 is required.

   Equipment required
   Keyboard TEKTRONIX ACK-200

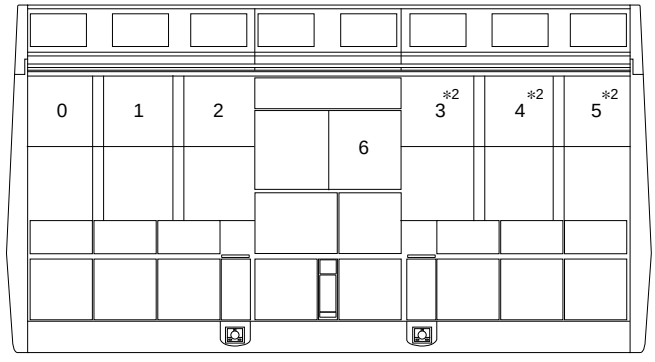
   Procedure
   • Check of the initial condition (Checking the condition of the memory which have been installed)
   (1) Turn OFF the POWER of the control panel, disconnect the cable from the connector ETHER 0 on the rear panel.
   (2) When turning ON the POWER of the control panel, check the messages which are displayed on the LCD displays of the corresponding LCD module panels.

   Let the LCD display show “Tektronix” on the top left on its screen. While “Tektronix” is appearing on the display, confirm the underlined display as shown below.
   (“V5.9” in the following message can change depending upon the production lot and others).

Tektronix	Hardware xx : xx : xx : xx : xx : xx : *1	
	IADDR=	DNODE=
	IHOST=	BMETHOD=
	IMASK=	BDELAY=
TekXpress Boot Monitor V5.9	IGATE=	BAFROM=
12288 Kbytes memory installed	BPATH=	

Note
/etc/bootptab (the ’ha’ (hardware address) value of the ’lcdx’ line) of host computer should be altered in accordance with the hexadecimal value as shown by the asterisk (*1) above.

Relation between the corresponding LCD and lcdx (the “x” value)



⁎2 OXF-CP3048 only

• Setting of the display size and so on.

(3) Disconnect the harness from the connector (DIN, 8Pin) on the X terminal board (XP-200).

(4) Connect the unique keyboard (TEKTRONIX ACK-200) to the keyboard connector (the lower connector of the two lines of the DIN 8-pin connectors) of the X terminal board (XP-200).

(5) Connect the harness to the connector (DIN, 8Pin) which have been disconnected.

(6) Input Enter from the keyboard (TEKTRONIX ACK-200) (press the Enter key).
Perform the following setting procedures. The setting procedure depends on whether the prompt is displayed or not when inputting Enter.

1) When the prompt BOOT> is displayed
Input the following command from the keyboard (TEKTRONIX ACK-200)

BOOT> selftest monset 43 (Enter)

After the command is input, the display disappears once on the screen, and appears again with the correct screen size.

2) When the prompt BOOT> is not displayed
Then input “Enter”. Whenever “Enter” is input, the display setting keeps changing. Press “Enter” until the setting becomes “43” and the correct screen size is displayed.
When the correct screen size is displayed, press the F1 key of the keyboard (TEKTRONIX ACK-200) to set.
(This memorizes the above setting in the internal memory of the X terminal board.)

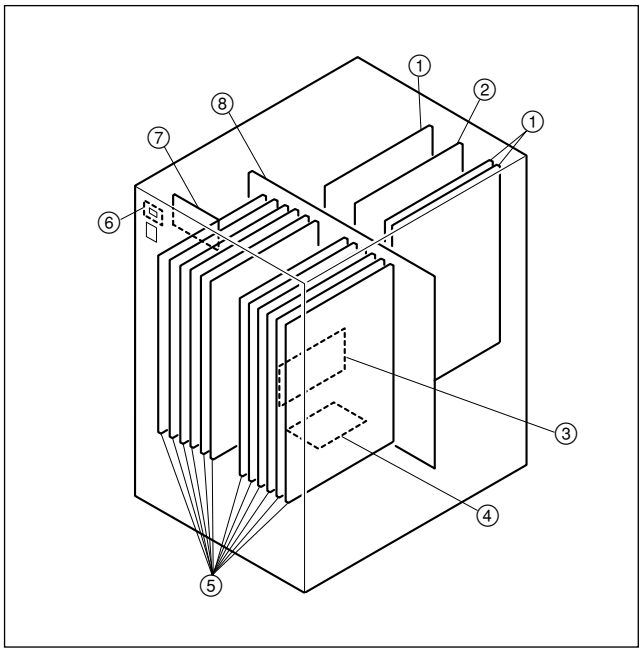
(7) After settings have been finished, disconnect the keyboard (TEKTRONIX ACK-200).

(8) Connect the cable which have been disconnected to the connector Ether 0 on the rear panel.
Change the /etc/bootptab of the host computer.

(9) Checking of BOOT
Turn OFF the POWER of the control panel (OXF-CP3048/OXF-CP3024) once, and then turn ON the POWER.
After a while, check that the “X” mark is displayed on each LCD display.

1-2. OXF-SP3000

1-2-1. Boards Location



① PIF-13 (DMBK-R3006)
② BF-53
③ CN-1446
④ CN-1445
⑤ PR-217 (DMBK-R3005)
⑥ CN-1493
⑦ DP-131
⑧ MB-631

1-2-2. Cabinet Removal

Note

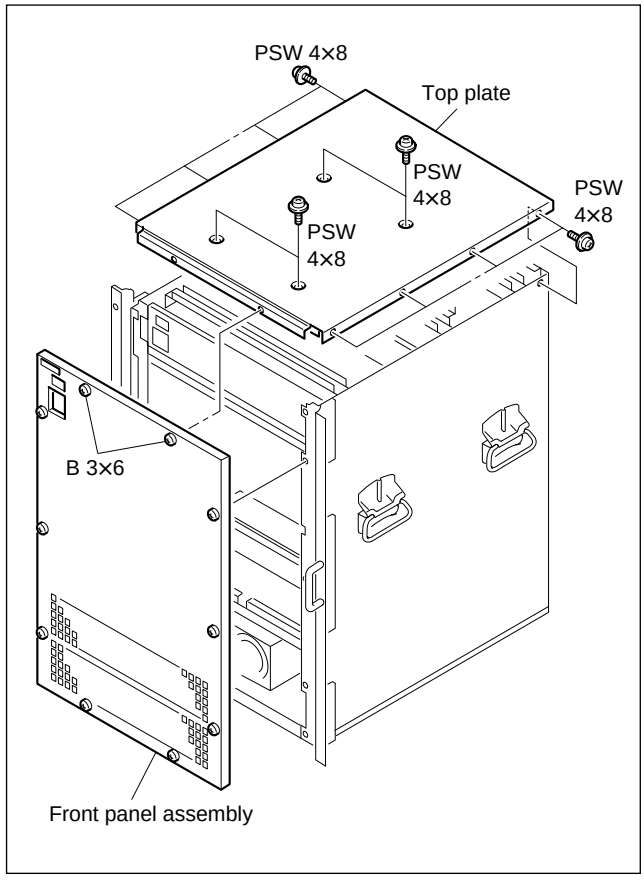
Turn OFF the power switch and unplug the power cord from an outlet before removal of cabinet.

Front panel

- Loosen the ten screws (B3 × 6) and remove the front panel.
  (These screws are assembled not to be dropped from the front panel.)

Top plate

(1) Loosen the ten screws (B3 × 6) and remove the front panel.
  (These screws are assembled not to be dropped from the front panel.)
(2) Remove the twelve screws (PSW4 × 8) and remove the top plate.



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Rear shield plate

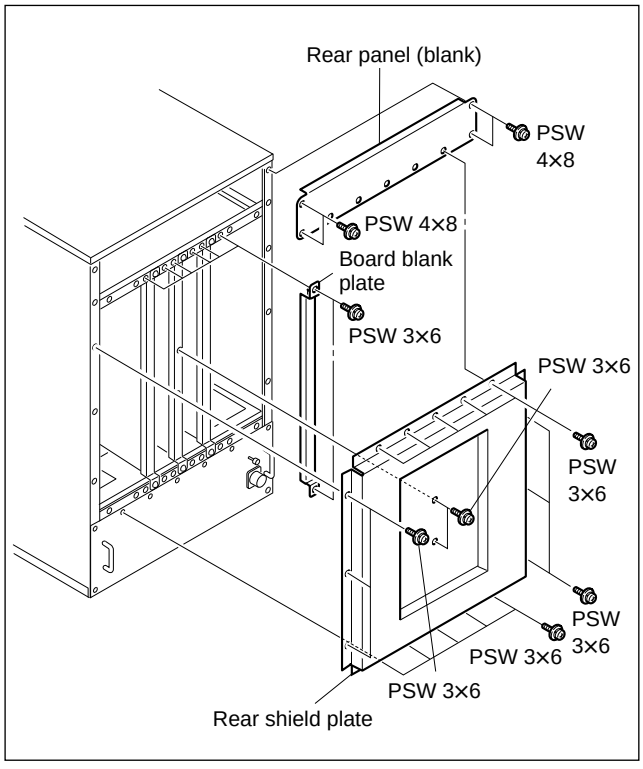
• Remove the eighteen screws (PSW3 × 6).

Rear panel (blank)

(1) Remove the eighteen screws (PSW3 × 6) and remove the rear shield plate.
(2) Remove the four screws (PSW4 × 8) and remove the rear panel (blank).

Board blank panel

(1) Remove the eighteen screws (PSW3 × 6) and remove the rear shield plate.
(2) Remove the two screws (PSW3 × 6) and remove the board blank panel.
(per board blank panel)



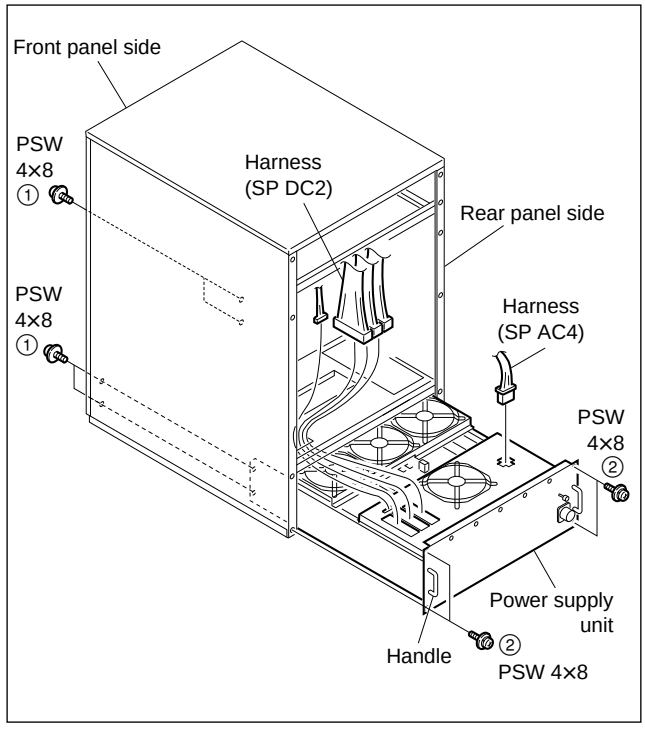
1-2-3. Replacement of DC Fan and Switching Regulator (Power Supply Unit)

Note

Turn OFF the power switch and unplug the power cord from a outlet before removal of power supply unit.

1. Removal of Power Supply Unit

(1) Remove the front panel.
(Refer to the "1-2-2. Cabinet Removal".)
(2) Remove the four screws ① (PSW4 × 8) (two each) which fix the power supply unit from the front panel side.
(3) Remove the rear shield plate.
(Refer to the "1-2-2. Cabinet Removal".)
(4) Disconnect the harness (SP DC2) (four pieces) and the harness (SP AC4) from the power supply unit.
(5) Remove the four screws ② (PSW4 × 8) and draw the power supply unit toward the rear panel side.



2. Replacement of DC Fan

(1) Remove the power supply unit from OXF-SP3000. (Refer to the “1. Removal of Power Supply Unit”.)
(2) Disconnect the fan harness (four pieces) and the harness (SP FAN) from the CN-1445 board.
(3) Remove the four screws (PSW3 × 6) and remove the CN-1445 board.

• Replacement of Fan 1, 2, 3

(4) Remove the four screws (PSW3 × 6) and remove the fan bracket with the DC fans.
(5) Remove the screws (B4 × 10) (four each) and remove the DC fan which needs to be replaced, from the fan bracket.
(6) Install a new DC fan to the power supply unit in the reverse order from (2) to (5).

Notes

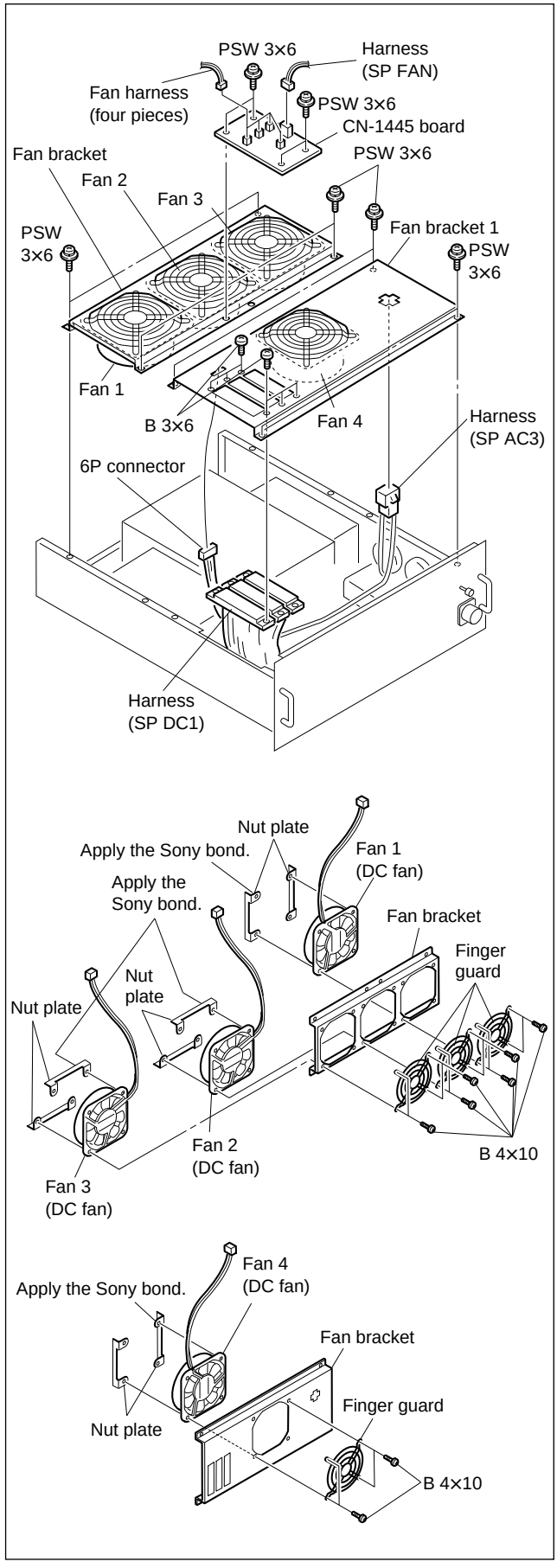
- Install the DC fan so that the harness can be in the position as shown in the figure.
- Apply the Sony bond to the screw holes (four each) on the nut plate.

• Replacement of Fan 4

(4) Remove the six screws(B3 × 6) with which the harness (SP DC1) is secured.
(5) Remove the four screws (PSW3 × 6) and pull out the harness (6P connector : one piece, SP DC1 : three pieces, SP AC3 : one piece). After that, remove the fan bracket 1 with the DC fan.
(6) Remove the four screws (B4 × 10) and remove the DC fan from the fan bracket 1.
(7) Install a new DC fan to the power supply unit in the reverse order from (2) to (6).

Notes

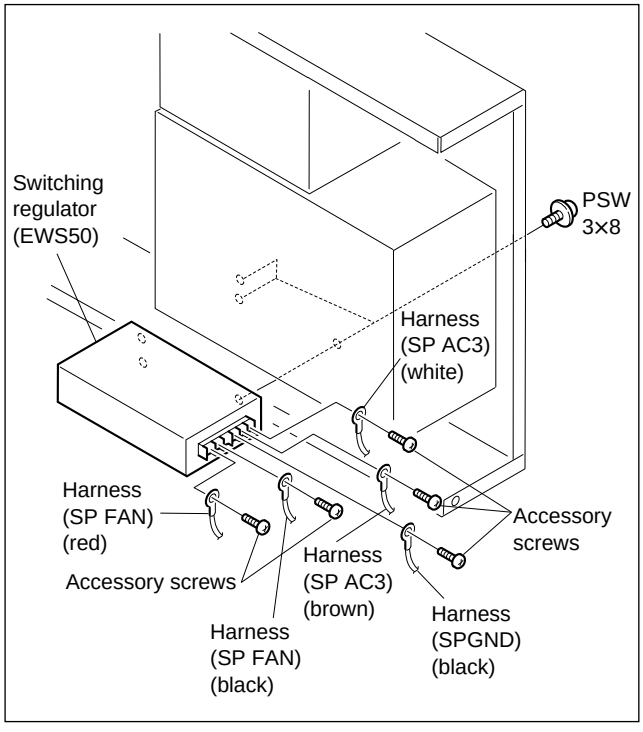
- Install the DC fan so that the harness can be in the position as shown in the figure.
- Apply the Sony bond to the screw holes (four each) on the nut plate.



3. Replacement of Switching Regulator

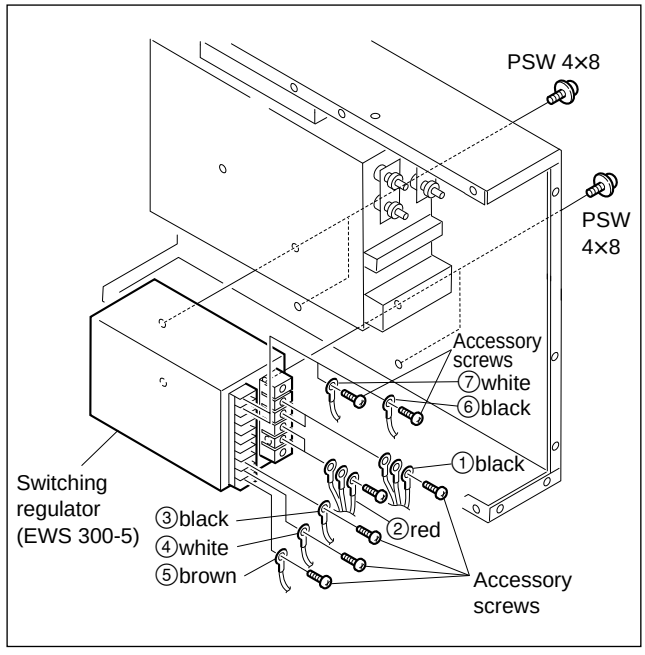
• Replacement of EWS50

(1) Remove the power supply unit from the OXF-SP3000. (Refer to the "1. Removal of Power Supply Unit".)
(2) Remove the fan bracket and the fan bracket 1 with the DC fans from the power supply unit. (Refer to the "2. Replacement of DC Fan".)
(3) Remove the five screws (accessory) and disconnect the harness (SP FAN : two pieces, SP GND : one piece, SP AC3 : two pieces).
(4) Remove the three screws (PSW3 × 8) and remove the switching regulator (EWS50).
(5) Install a new switching regulator (EWS50) to the power supply unit in the reverse order from (1) to (4).



• Replacement of EWS300-5

(1) Remove the power supply unit from the OXF-SP3000. (Refer to the "1. Removal of Power Supply Unit".)
(2) Remove the fan bracket and the fan bracket 1 with the DC fans from the power supply unit. (Refer to the "2. Replacement of DC Fan".)
(3) Remove the nine screws (accessory) and disconnect the following harness.
   ① SP DC1 of connector A : 3 pieces (black)
   ② SP DC1 of connector A : 3 pieces (red)
   ③ SP GND : 1 piece (black)
   ④ SP AC3 : 1 piece (white)
   ⑤ SP AC3 : 1 piece (brown)
   ⑥ SP SENSE of connector 6P : 1 piece (black)
   ⑦ SP SENSE of connector 6P : 1 piece (white)
(4) Remove the four screws (PSW4 × 8) and remove the switching regulator (EWS300-5).
(5) Install a new switching regulator (EWS300-5) to the power supply unit in the reverse order from (1) to (4).



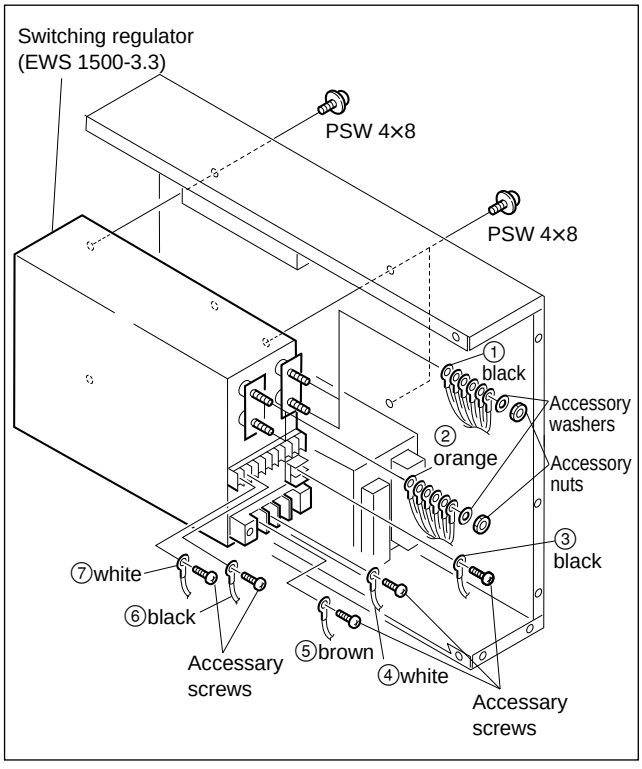
• Replacement of EWS1500-3.3

(1) Remove the power supply unit from the OXF-SP3000. (Refer to the “1. Removal of Power Supply Unit”.)

(2) Remove the fan bracket and the fan bracket 1 with the DC fans from the power supply unit. (Refer to the “2. Replacement of DC Fan”.)

(3) Remove the five screws, four washers and nuts (accessory), and disconnect the following harness.
- ① SP DC1 of connector C : 12 pieces (black)
- ② SP DC1 of connector B : 12 pieces (orange)
- ③ SP GND : 1 piece (black)
- ④ SP AC3 : 1 piece (white)
- ⑤ SP AC3 : 1 piece (brown)
- ⑥ SP SENSE of connector 6P : 1 piece (black)
- ⑦ SP SENSE of connector 6P : 1 piece (white)

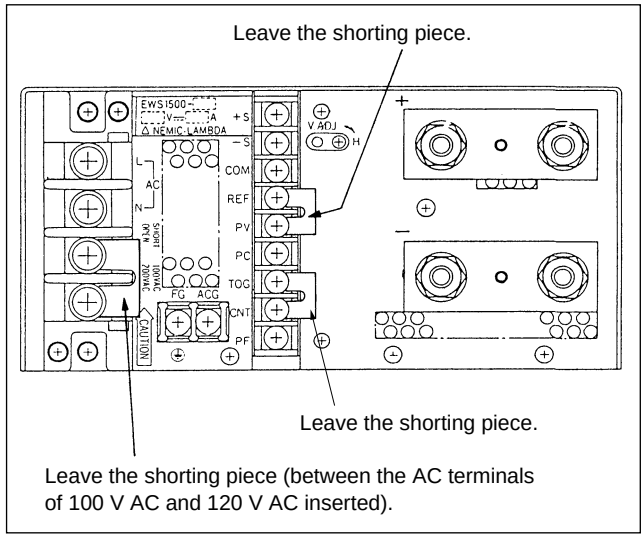
(4) Remove the four screws (PSW4 × 8) and remove the switching regulator (EWS1500-3.3).



(5) After performing the following procedures to a new switching regulator (EWS1500-3.3), install it to the power supply unit in the reverse order from (1) to (4).

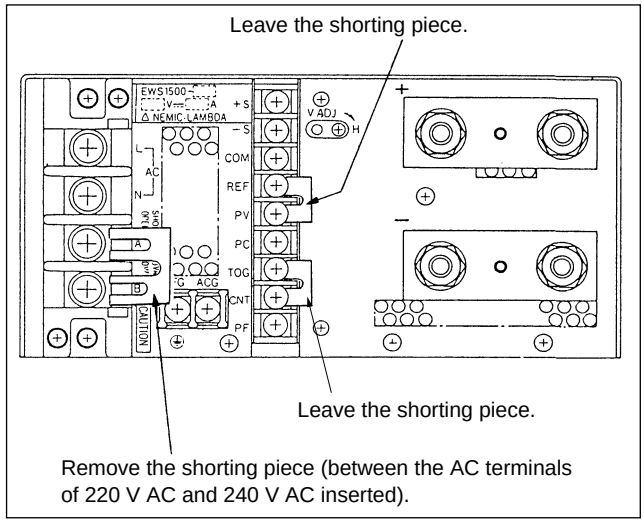
① For J, UC

On a new switching regulator (EWS1500-3.3) :
- Leave the shorting piece between the REF terminal and PV terminal inserted.
- Leave the shorting piece between the AC terminals of 100 V AC and 200 V AC inserted.
- Leave the shorting piece between the TOG terminal and CNT terminal inserted.


Leave the shorting piece.
Leave the shorting piece.
Leave the shorting piece (between the AC terminals of 100 V AC and 120 V AC inserted).

② For CE

On a new switching regulator (EWS1500-3.3) :
- Leave the shorting piece between the REF terminal and PV terminal inserted.
- Remove the shorting piece between the AC terminals of 100 V AC and 200 V AC.
- Leave the shorting piece between the TOG terminal and CNT terminal inserted.


Leave the shorting piece.
Leave the shorting piece.
Remove the shorting piece (between the AC terminals of 220 V AC and 240 V AC inserted).

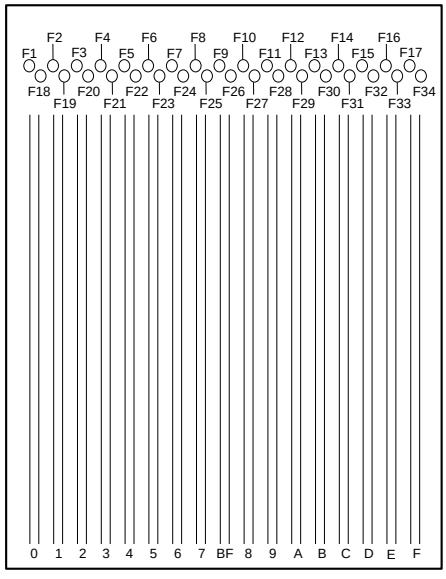
1-2-4. Replacement of Fuse

The following fuse is used in the MB-631 board.
Use the specified fuse for replacement.

Part name : Micro fuse, 10 A
Part number : 1-576-260-11

Note

Be sure to turn off the POWER switch and remove the AC cord before starting replace fuse.



MB-631 board (A-side)

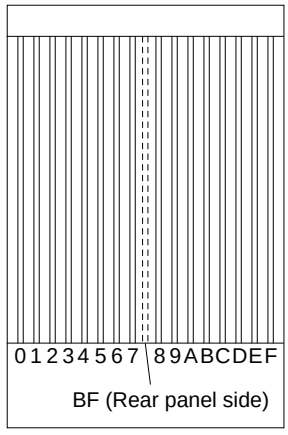
- The respective fuses correspond the DMBK-R3005s (PR-217 board) that are installed on the front panel. The following table shows correspondence between respective fuses and slots of installed DMBK-R3005s.
The fuses (F9, F26) correspond to the BF-53 board that is installed on rear panel side.

DMBK-R3005 (PR-217 board)

Slot No.	0	1	2	3	4	5	6	7	BF
For 3.3 V	F1	F2	F3	F4	F5	F6	F7	F8	F9
For 5 V	F18	F19	F20	F21	F22	F23	F24	F25	F26

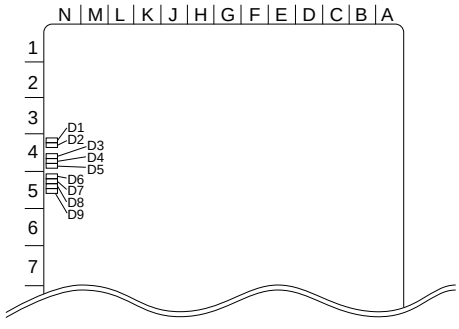
Slot No.	8	9	A	B	C	D	E	F
For 3.3 V	F10	F11	F12	F13	F14	F15	F16	F17
For 5 V	F27	F28	F29	F30	F31	F32	F33	F34

OXF-SP3000 (On the front panel side)



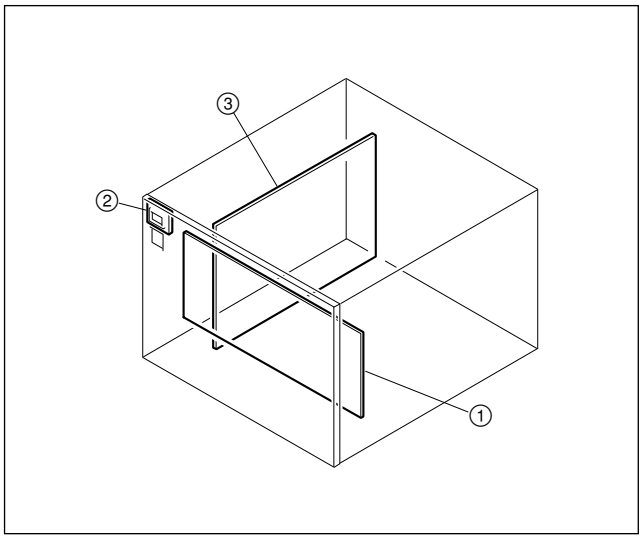
- The fuses can be checked if they are blown or not from the indication of the LEDs D1 (for 3.3 V) and D2 (for 5 V) on the PR-217 board that are inserted to the corresponding slot.
If D1 or D2 is turned off, the fuse that corresponds to the LED is blown.
Alternately, check the fuses (F9, F26) by measuring conduction of fuses with a VOM connected across the fuses.

PR-217 board (A-side)



1-3. OXF-IO3000

1-3-1. Boards Location

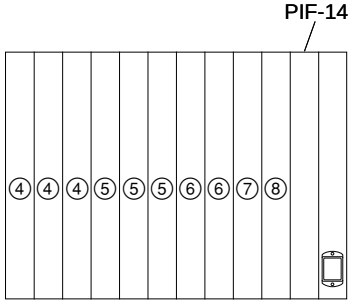


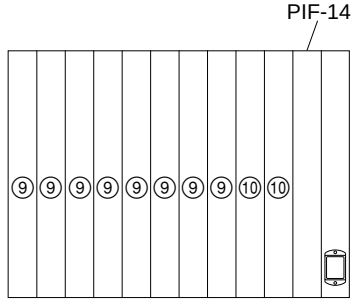
① MB-633
② DP-131
③ PIF-14

Locations of DMBK-R3001/R3002/R3003/R3004/R3008/R3009/R3010

The OXF-R3 standard system is shipped from the factory with the DMBK boards installed into the two OXF-IO3000s as shown below.

OXF-IO3000 rear panel





OXF-IO3000 (1)

Slot	Installed Board
④	ADC-26 (DMBK-R3003)
⑤	DAC-19 (DMBK-R3004)
⑥	DIO-24 (DMBK-R3008)
⑦	IF-582 (DMBK-R3010)
⑧	TC-72 (DMBK-R3009)

OXF-IO3000 (2)

Slot	Installed Board
⑨	wADC-25 (DMBK-R3001)
⑩	DAC-18 (DMBK-R3002)

1-3-2. Cabinet Removal

Note

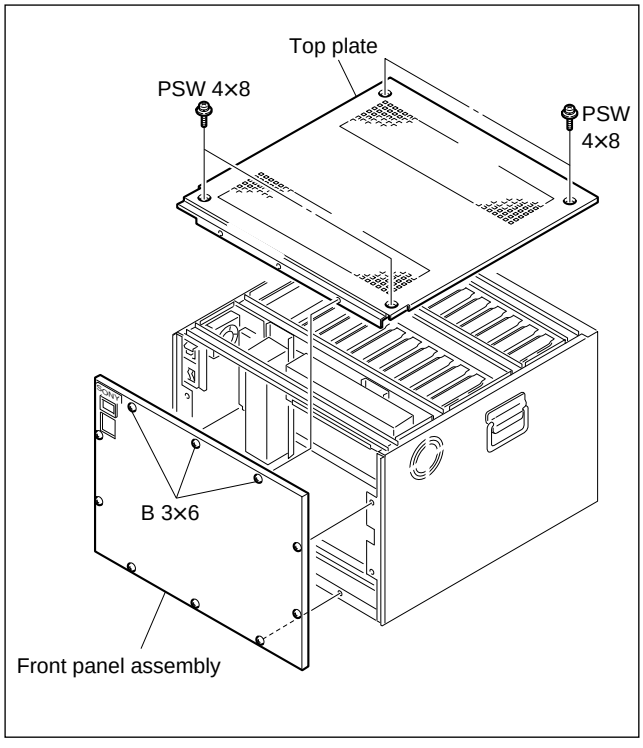
Turn OFF the power switch and unplug the power cord from an outlet before removal of cabinet.

Front panel

- Loosen the ten screws (B3 × 6) and remove the front panel.
  (These screws are assembled not to be dropped from the front panel.)

Top plate

(1) Loosen the ten screws (B3 × 6) and remove the front panel.
  (These screws are assembled not to be dropped from the front panel.)
(2) Remove the four screws (PSW4 × 8) and remove the top plate.

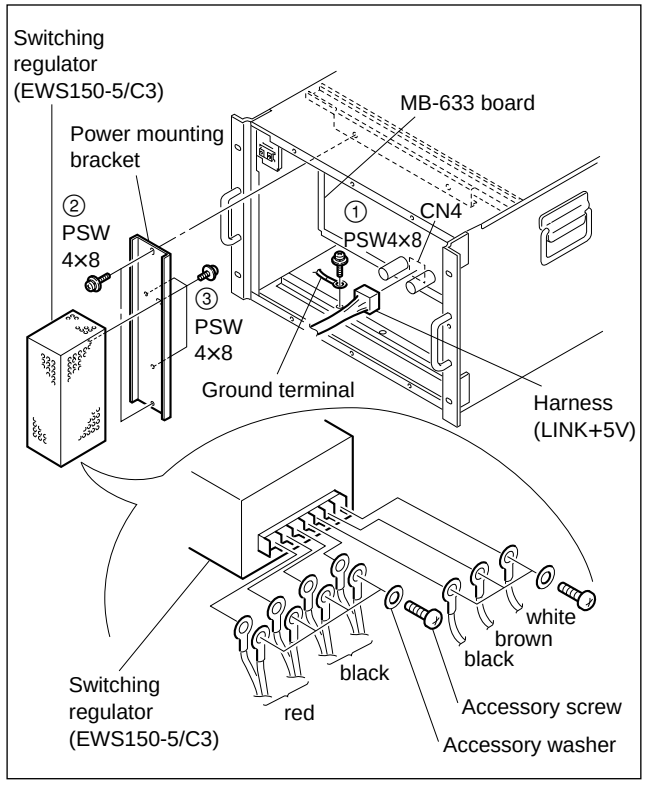


1-3-3. Replacement of Switching Regulator

1. Replacement of EWS150-5/C3

• Serial No. : 20001 to 20044

(1) Loosen the ten screws (B3 × 6) and remove the front panel.
  (These screws are assembled not to be dropped from the front panel.)
  (Refer to the "1-3-2. Cabinet Removal".)
(2) Remove the screw (PSW4 × 8) ① and remove the ground terminal.
(3) Disconnect the harness (LINK+5V) from the connector CN4 on the MB-633 board.
(4) Remove the two screws (PSW4 × 8) ② and remove the power mounting bracket with the switching regulator from the main unit.
(5) Remove the three screws (PSW4 × 8) ③ and remove the switching regulator from the power mounting bracket.
(6) Disconnect all the harness from the switching regulator.
(7) Install a new switching regulator in the reverse order from (1) to (6).

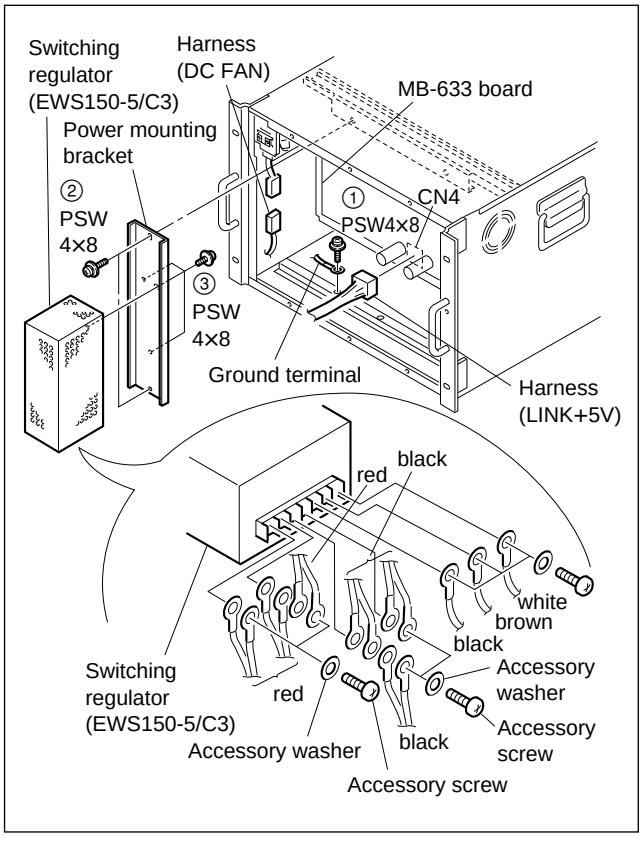


・ Serial No. : 20045 and higher

(1) Loosen the ten screws (B3 × 6) and remove the front panel.
(These screws are assembled not to be dropped from the front panel.)
(Refer to the "1-3-2. Cabinet Removal".)
(2) Remove the screw (PSW4 × 8) ① and remove the ground terminal.
(3) Disconnect the harness (LINK+5V) from the connector CN4 on the MB-633 board.
(4) Cut the tying band that is fixing the harness.
(5) Remove the DC fan harness from the fan harness (DC FAN).
(6) Remove the two screws (PSW4 × 8) ② and remove the power mounting bracket with the switching regulator from the main unit.
(7) Remove the three screws (PSW4 × 8) ③ and remove the switching regulator from the power mounting bracket.
(8) Disconnect all the harness from the switching regulator.
(9) Install a new switching regulator in the reverse order from (1) to (8).

Note

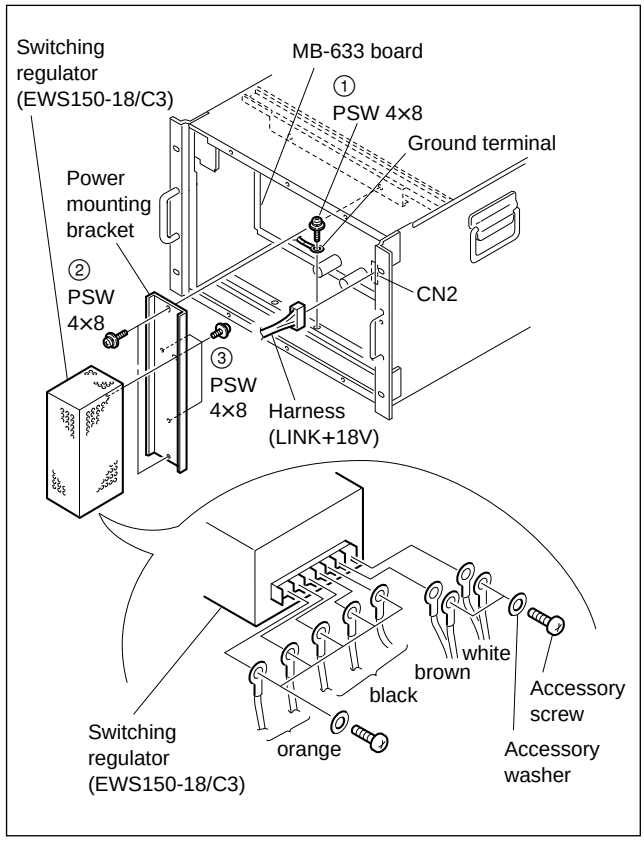
There can be a case that the harness can be caught by the DC fan. Be sure to fix the harness to the clamp bracket using a tying band. (Refer to the "1-3-4. Replacement of DC Fan".)



2. Replacement of EWS150-18/C3

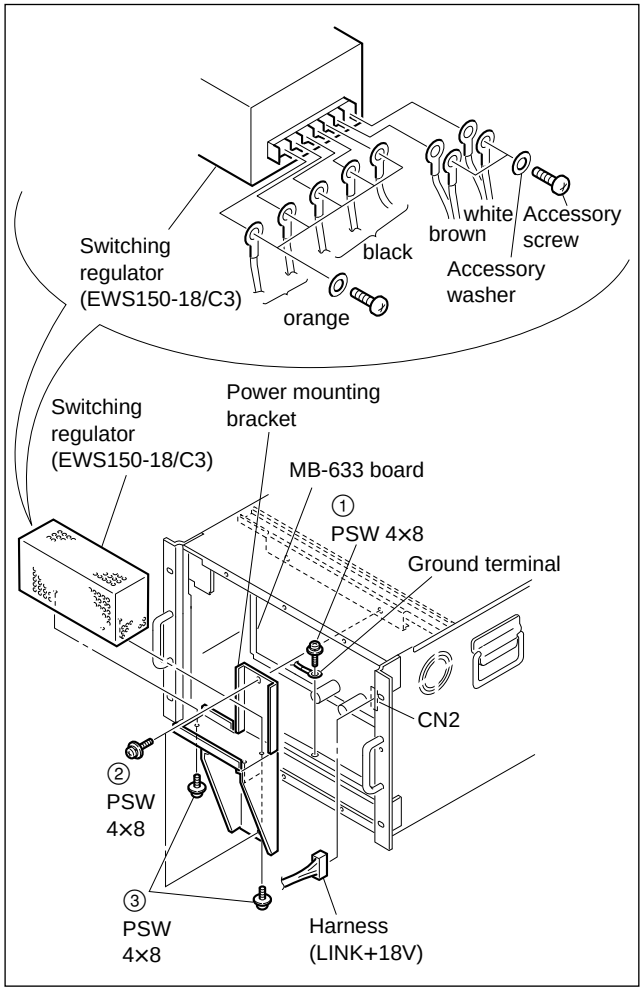
・ Serial No. : 20001 to 20044

(1) Loosen the ten screws (B3 × 6) and remove the front panel.
(These screws are assembled not to be dropped from the front panel.)
(Refer to the "1-3-2. Cabinet Removal".)
(2) Remove the screw (PSW4 × 8) ① and remove the ground terminal.
(3) Disconnect the harness (LINK+18V) from the connector CN2 on the MB-633 board.
(4) Remove the two screws (PSW4 × 8) ② and remove the power mounting bracket with the switching regulator from the main unit.
(5) Remove the three screws (PSW4 × 8) ③ and remove the switching regulator from the power mounting bracket.
(6) Disconnect all the harness from the switching regulator.
(7) Install a new switching regulator in the reverse order from (1) to (6).



・ Serial No. : 20045 and higher

(1) Loosen the ten screws (B3 × 6) and remove the front panel.
(These screws are assembled not to be dropped from the front panel.)
(Refer to the "1-3-2. Cabinet Removal".)
(2) Remove the screw (PSW4 × 8) ① and remove the ground terminal.
(3) Disconnect the harness (LINK+18V) from the connector CN2 on the MB-633 board.
(4) Remove the two screws (PSW4 × 8) ② and remove the power mounting bracket with the switching regulator from the main unit.
(5) Remove the three screws (PSW4 × 8) ③ and remove the switching regulator from the power mounting bracket.
(6) Disconnect all the harness from the switching regulator.
(7) Install a new switching regulator in the reverse order from (1) to (6).



1-3-4. Replacement of DC Fan

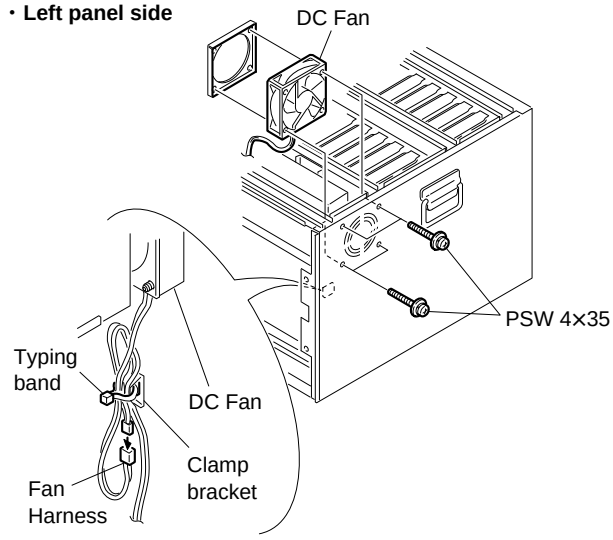
Applicable serial Nos. : 20045 and higher

(1) Loosen the ten screws (B3 × 6) and remove the front panel. (These screws are assembled not to be dropped from the front panel.) (Refer to the "1-3-2. Cabinet Removal".)
(2) Cut the tying band that is fixing the harness.
(3) Remove the DC fan harness from the fan harness (DC FAN).
(4) Remove the four screws (PSW4 × 35) securing the DC fan.
(5) Attach the new DC fan by reversing the procedure of removal from steps (1) to (4).

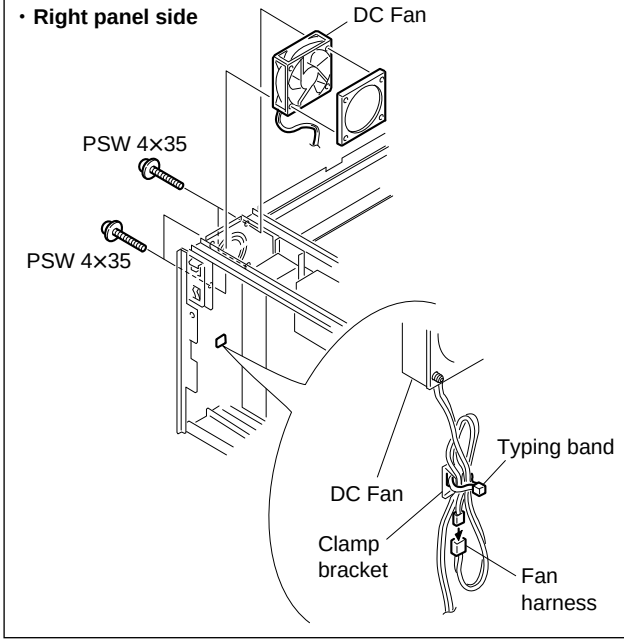
Note

There can be a case that the harness can be caught by the DC fan. Be sure to fix the harness to the clamp bracket using a tying band.
Fix the DC fan harness at the specified position as shown.

・ Left panel side



・ Right panel side



1-4. Repair Service of PCI Mother Board (AXPpci33), Network Interface Card, X Terminal Board (XP-200), Trackerball I/F Board (IFC718), MB-631 Board and PR-217 Board (DMBK-R3005)

The individual components on the PCI Mother Board (AXPpci33), Network Interface Card, X Terminal Board (XP-200), Trackerball I/F Board (IFC718), MB-631 Board and PR-217 Board (DMBK-R3005) are not supplied as a repair service part.
If any trouble occurs on the board, replace the each mounted circuit board.

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Section 2
Electrical Alignment

This section describes the following electrical adjustments required when servicing or maintenance has been performed.

ADC-25 board (DMBK-R3001) adjustment
ADC-26 board (DMBK-R3003) adjustment
DAC-18 board (DMBK-R3002) adjustment
DAC-19 board (DMBK-R3004) adjustment

PSW-34 board adjustment (OXF-CP3048/OXF-CP3024, Power supply assembly)
PSW-35 board adjustment (OXF-CP3048/OXF-CP3024, Power supply assembly)

Equipment required/Tools required

Equipment required

Equipment	Specification	Model Name/Remarks
Audio analyzer	AES/EBU format signal input/output interface	AUDIO PRECISION System One or equivalent
Ocilloscope	DC to 100 MHz Dual trace or more	TEKTRONIX 2465B or equivalent
Ward Sync Generator	Word sync signal output	–
VT100 Terminal	–	–
SONY OXF-IO3000	_	For ADC-25, ADC-26, DAC-18 and DAC-19 boards adjustment
SONY DMBK-R3008 (DIO-24 board)	_	
SONY DMBK-R3002 (DAC-18 board)	–	For ADC-25 board adjustment

Tools required

Name	Sony part number	Remarks
CN-1179 board	A-8311-596-A	For PSW-34 and PSW-35 boards adjustment
Harness (CH 24R)	1-957-239-11	For PSW-34 and PSW-35 boards adjustment
Alignment driver	–	–

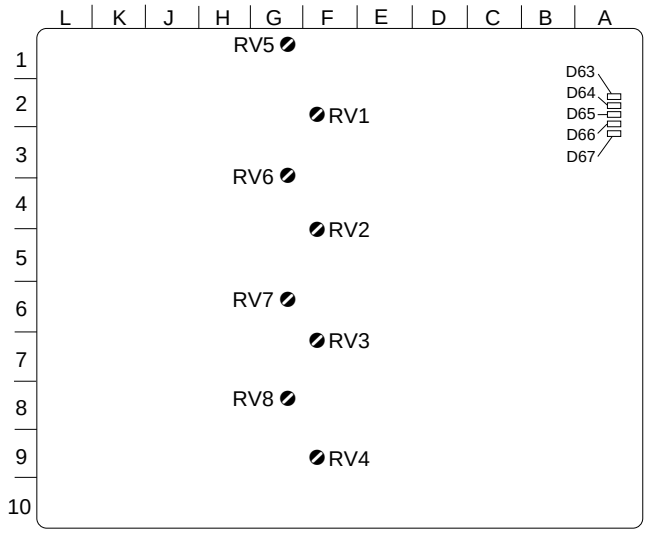
2-1. ADC-25 Board (DMBK-R3001) Adjustment

The adjustment is performed using as IO RACK OXF-IO3000, DIO-24 board(DMBK-R3008), DAC-18 board (DMBK-R3002), and AUDIO PRECISION System One(Audio analyzer).
The audio analyzer AUDIO PRECISION System One requires the test program for adjustment.

Equipment required

IO RACK OXF-IO3000 (Which must be operating correctly.)
DMBK-R3008 (DIO-24 board) (Which must be operating correctly.)
DMBK-R3002 (DAC-18 board) (Which must be operating correctly.)
Audio analyzer ; AUDIO PRECISION System One
Word Sync Generator
VT100 Terminal
Oscilloscope

Adjustment Location

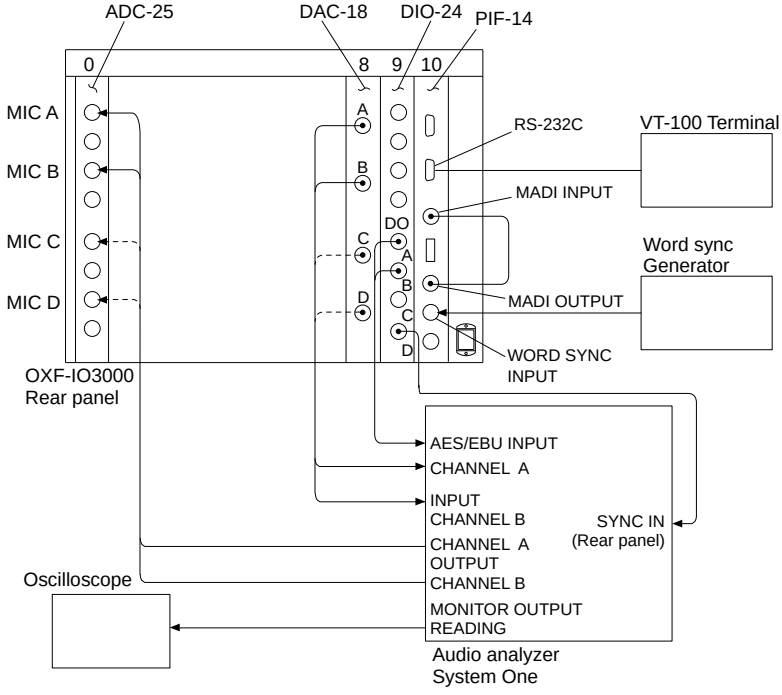


ADC-25 BOAD
(A-side)

Preparation

- Connect the Word sync generator to the WORD SYNC INPUT connector on the PIF-14 board panel of IO RACK OXF-IO3000.
- Connect between the MADI OUT connector and MADI INPUT connector on the PIF-14 board panel of IO RACK OXF-IO3000 with BNC cable.
- Connect the VT100 Terminal to the RS-232C connector on the PIF-14 board panel of IO RACK OXF-IO3000.

Connection



Adjustment Procedure

1. DC offset adjustment

Step 1. Connection

(1) Install the DAC-18 board(DMBK-R3002) and ADC-25 board (DMBK-R3001) to be adjusted to the following slots of the IO RACK OXF-IO3000.

Installing board		Slot of IO RACK OXF-IO3000
DAC-18 board (DMBK-R3002)	⟶	Slot No. 8
ADC-25 board (DMBK-R3001) to be adjusted	⟶	Slot No. 0

(2) Connect between the following connectors on the Audio analyzer (System One) and IO RACK.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B OUTPUT connector	⟷	MIC A, B connector (ADC-25 board panel)
CHANNEL A, B INPUT connector	⟷	LINE A, B connector (DAC-18 board panel)

(3) Connect the oscilloscope to the READING output connector on the Audio analyzer(System One).

Step2. Adjustment

(1) Load the test program ADCNSE. TEST to the Audio analyzer (System One).

(2) Input < X > into the VT100 Terminal.
The following display will appear on the monitor display.
X Adc gain change from 0x41 all adc hq
enter. for ending

(3) ANALOG IN A/B adjustment
Specification : Click in the output waveform on an oscilloscope must disappear.
Adjustment : ⊘RV1/ ADC-25 board (ANALOG IN A adjustment)
⊘RV2/ ADC-25 board (ANALOG IN B adjustment)

(4) Change the connections between the Audio analyzer (System One) and IO RACK to the following connectors.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B OUTPUT connector	⟷	MIC C, D connector (ADC-25 board panel)
CHANNEL A, B INPUT connector	⟷	LINE C, D connector (DAC-18 board panel)

(5) ANALOG IN C/D adjustment
Specification : Click in the output waveform on an oscilloscope must disappear.
Adjustment : ⊘RV3/ ADC-25 board (ANALOG IN C adjustment)
⊘RV4/ ADC-25 board (ANALOG IN D adjustment)

(6) After the adjustment has been completed, turn off the power of the IO RACK OXF-IO3000, and remove the DAC-18 board (DMBK-R3002).

2. CMRR adjustment

Step1. Connection

(1) Install the DIO-24 board (DMBK-R3008) and ADC-25 board (DMBK-R3001) to be adjusted to the following slots of the IO RACK OXF-IO3000.

Installing board		Slot of IO RACK OXF-IO3000
DIO-24 board (DMBK-R3008)	⟶	Slot No. 9
ADC-25 board (DMBK-R3001) to be adjusted	⟶	Slot No. 0

(2) Connect between the following connectors on the Audio analyzer (System One) and IO RACK.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B OUTPUT connector	⟷	MIC A, B connector (ADC-25 board panel)
AES/EBU INPUT connector	⟷	DO A connector (DIO-24 board panel)
SYNC IN connector (Rear panel side)	⟷	DO D connector (DIO-24 board panel)

Step2. Adjustment

(1) Load the test program ADCCMRR. TEST to the Audio analyzer (System One).

(2) ANALOG IN A/B adjustment

Specification : Display level of LEVEL1 of audio analyzer (System One) is minimum (−77 dBFs or less).

Adjustment : ⊘RV5/ ADC-25 board (ANALOG IN A adjustment)
⊘RV6/ ADC-25 board (ANALOG IN B adjustment)

(3) Change the connections between the Audio analyzer (System One) and IO RACK to the following connectors.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B OUTPUT connector	⟷	MIC C, D connector (ADC-25 board panel)
AES/EBU INPUT connector	⟷	DO B connector (DIO-24 board panel)
SYNC IN connector (Rear panel side)	⟷	DO D connector (DIO-24 board panel)

(5) ANALOG IN C/D adjustment

Specification : Display level of LEVEL1 of audio analyzer (System One) is minimum (−77 dBFs or less).

Adjustment : ⊘RV7/ ADC-25 board (ANALOG IN C adjustment)
⊘RV8/ ADC-25 board (ANALOG IN D adjustment)

2-2. ADC-26 Board (DMBK-R3003) Adjustment

The adjustment is performed using as IO RACK OXF-IO3000, DIO-24 board (DMBK-R3008), and AUDIO PRECISION System One (Audio analyzer).
The audio analyzer AUDIO PRECISION System One requires the test program for adjustment.

Equipment Required

IO RACK OXF-IO3000 (Which must be operating correctly.)
DMBK-R3008 (DIO-24 board) (Which must be operating correctly.)
Audio analyzer; AUDIO PRECISION System One
Word Sync Generator
VT100 Terminal

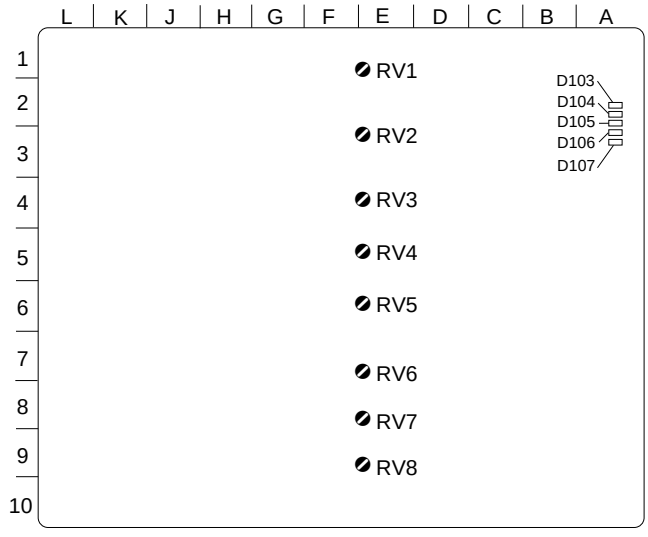
Preparation

- Install the DIO-24 board (DMBK-R3008) and ADC-26 board (DMBK-R3003) to be adjusted to the following slots of the IO RACK OXF-IO3000.

Installing board		Slot of IO RACKOXF-IO3000
DIO-24 board (DMBK-R3008)	→	Slot No. 9
ADC-26 board (DMBK-R3003) to be adjusted	→	Slot No. 0

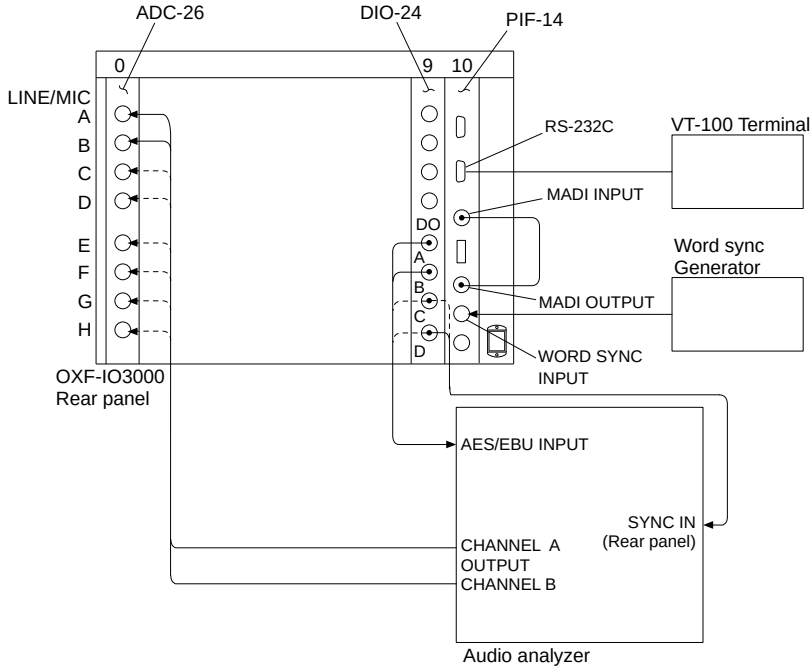
- Connect the Word sync generator to the WORD SYNC INPUT connector on the PIF-14 board panel of IO RACK OXF-IO3000.
- Connect between the MADI OUT connector and MADI INPUT connector on the PIF-14 board panel of IO RACK OXF-IO3000 with BNC cable.
- Connect the VT100 Terminal to the RS-232C connector on the PIF-14 board panel of IO RACK OXF-IO3000.

Adjustment Location



ADC-26 BOARD
(A-side)

Connection



Adjustment Procedure

Step1. Connection

(1) Connect between the following connectors on the Audio analyzer (System One) and IO RACK.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B OUTPUT connector	←→	MIC/LINE A, B connector (ADC-26 board panel)
AES/EBU INPUT connector	←→	DO A connector (DIO-24 board panel)
SYNC IN connector(Rear panel side)	←→	DO C connector (DIO-24 board panel)

Step 2. Adjustment(CMRR adjustment)

(1) Load the test program ADCCMRR. TEST to the Audio analyzer (System One).

(2) ANALOG IN A/B adjustment

Specification : Display level of LEVEL1 of audio analyzer (System One) is minimum (−77 dBFs or less).

Adjustment : ◓RV1/ ADC-26 board (ANALOG IN A adjustment)
◓RV2/ ADC-26 board (ANALOG IN B adjustment)

(3) Change the connections between the Audio analyzer (System One) and IO RACK to the following connectors.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B OUTPUT connector	←→	MIC/LINE C, D connector (ADC-26 board panel)
AES/EBU INPUT connector	←→	DO B connector (DIO-24 board panel)
SYNC IN connector (Rear panel side)	←→	DO C connector (DIO-24 board panel)

(5) ANALOG IN C/D adjustment

Specification : Display level of LEVEL1 of audio analyzer (System One) is minimum (−77 dBFs or less).

Adjustment : ◓RV3/ ADC-26 board (ANALOG IN C adjustment)
◓RV4/ ADC-26 board (ANALOG IN D adjustment)

(6) Change the connections between the Audio analyzer(System One) and IO RACK to the following connectors.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B OUTPUT connector	←→	MIC/LINE E, F connector (ADC-26 board panel)
AES/EBU INPUT connector	←→	DO C connector (DIO-24 board panel)
SYNC IN connector (Rear panel side)	←→	DO D connector (DIO-24 board panel)

(7) ANALOG IN E/F adjustment

Specification : Display level of LEVEL1 of audio analyzer (System One) is minimum (−77 dBFs or less).

Adjustment : ◓RV5/ ADC-26 board (ANALOG IN E adjustment)
◓RV6/ ADC-26 board (ANALOG IN F adjustment)

(8) Change the connections between the Audio analyzer (System One) and IO RACK to the following connectors.

Audio analyzer(System One)		IO RACK OXF-IO3000
CHANNEL A, B OUTPUT connector	←→	MIC/LINE G, H connector (ADC-26 board panel)
AES/EBU INPUT connector	←→	DO D connector (DIO-24 board panel)
SYNC IN connector (Rear panel side)	←→	DO C connector (DIO-24 board panel)

(9) ANALOG IN G/H adjustment

Specification : Display level of LEVEL1 of audio analyzer (System One) is minimum (−77 dBFs or less).

Adjustment : ◓RV7/ ADC-26 board (ANALOG IN G adjustment)
◓RV8/ ADC-26 board (ANALOG IN H adjustment)

2-3. DAC-18 Board (DMBK-R3002) Adjustment

The adjustment is performed using as IO RACK OXF-IO3000, DIO-24 board (DMBK-R3008), and AUDIO PRECISION System One (Audio analyzer).
The audio analyzer AUDIO PRECISION System One requires the test program for adjustment.

Equipment Required

IO RACK OXF-IO3000 (Which must be operating correctly.)
DMBK-R3008 (DIO-24 board) (Which must be operating correctly.)
Audio analyzer ; AUDIO PRECISION System One
Word Sync Generator
VT100 Terminal
Oscilloscope

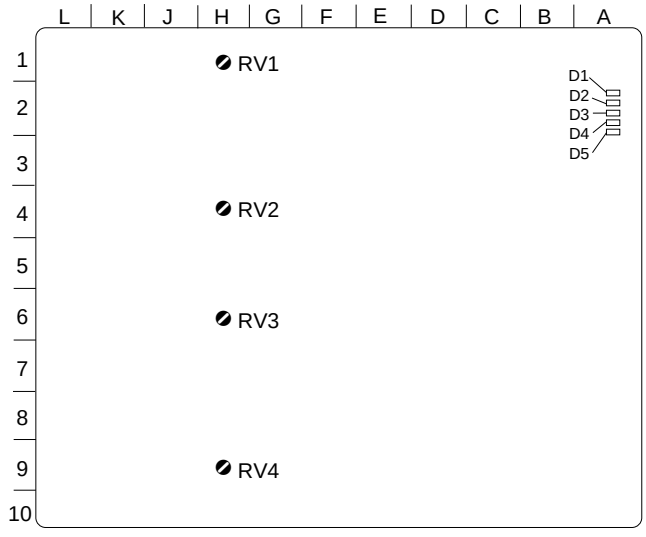
Preparation

- Install the DIO-24 board (DMBK-R3008) and DAC-18 board (DMBK-R3002) to be adjusted to the following slots of the IO RACK OXF-IO3000.

Installing board		Slot of IO RACKOXF-IO3000
DIO-24 board (DMBK-R3008)	→	Slot No. 9
DAC-18 board (DMBK-R3002) to be adjusted	→	Slot No. 0

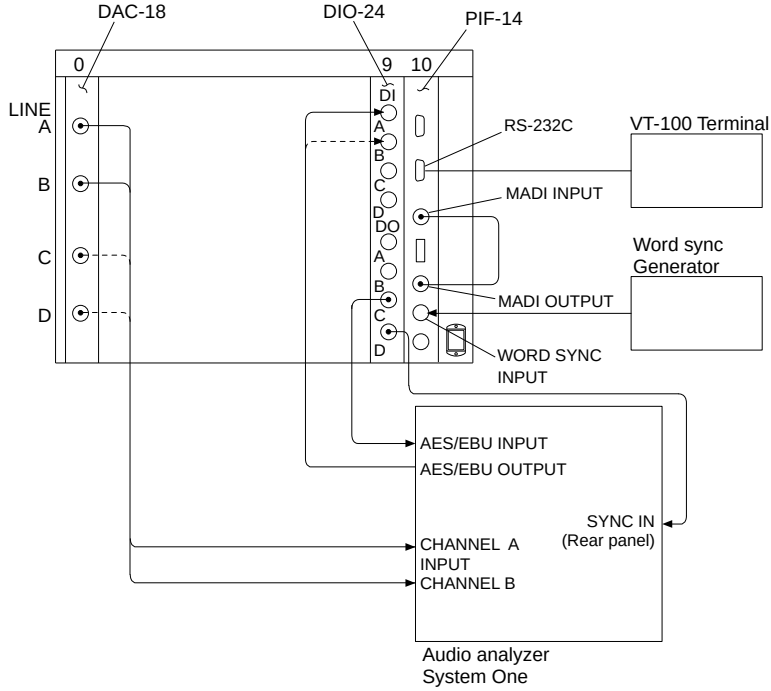
- Connect the Word sync generator to the WORD SYNC INPUT connector on the PIF-14 board panel of IO RACK OXF-IO3000.
- Connect between the MADI OUT connector and MADI INPUT connector on the PIF-14 board panel of IO RACK OXF-IO3000 with BNC cable.
- Connect the VT100 Terminal to the RS-232C connector on the PIF-14 board panel of IO RACK OXF-IO3000.

Adjustment Location



DAC-18 BOARD
(A-side)

Connection



Adjustment Procedure

Step1. Connection

(1) Connect between the following connectors on the Audio analyzer (System One) and IO RACK.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B INPUT connector	←→	OUTPUT LINE A, B connector (DAC-18 board panel)
AES/EBU OUTPUT connector	←→	DI A connector (DIO-24 board panel)
AES/EBU INPUT connector	←→	DO C connector (DIO-24 board panel)
SYNC IN connector (Rear panel side)	←→	DO D connector (DIO-24 board panel)

Step 2. Adjustment (Noise Null adjustment)

(1) Load the test program DACFFT. TEST to the Audio analyzer (System One).

(2) ANALOG OUT A/B adjustment

Specification : Display level of READING of audio analyzer (System One) (ANALYZER PANEL) is minimum (−109 dBr or less).

Adjustment : ⊘RV1/ DAC-18 board (ANALOG OUT A adjustment)
⊘RV2/ DAC-18 board (ANALOG OUT B adjustment)

(4) Change the connections between the Audio analyzer (System One) and IO RACK to the following connectors.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B INPUT connector	←→	OUTPUT LINE C, D connector (DAC-18 board panel)
AES/EBU OUTPUT connector	←→	DI A connector (DIO-24 board panel)
AES/EBU I NPUT connector	←→	DO C connector (DIO-24 board panel)
SYNC IN connector (Rear panel side)	←→	DO D connector (DIO-24 board panel)

(5) ANALOG OUT C/D adjustment

Specification : Display level of READING of audio analyzer (System One) (ANALYZER PANEL) is minimum (−109 dBr or less).

Adjustment : ⊘RV3/ DAC-18 board (ANALOG OUT C adjustment)
⊘RV4/ DAC-18 board (ANALOG OUT D adjustment)

2-4. DAC-19 Board (DMBK-R3004) Adjustment

The adjustment is performed using as IO RACK OXF-IO3000, DIO-24 board (DMBK-R3008), and AUDIO PRECISION System One (Audio analyzer).
The audio analyzer AUDIO PRECISION System One requires the test program for adjustment.

Equipment Required

IO RACK OXF-IO3000 (Which must be operating correctly.)
DMBK-R3008 (DIO-24 board) (Which must be operating correctly.)
Audio analyzer; AUDIO PRECISION System One
Word Sync Generator
VT100 Terminal
Oscilloscope

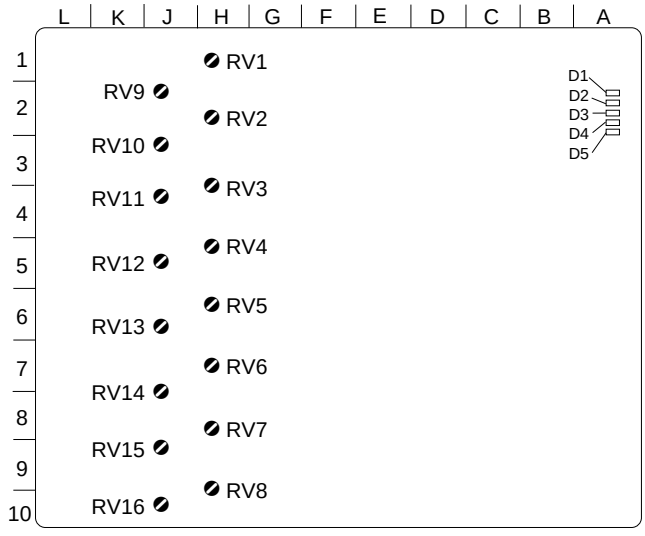
Preparation

- Install the DIO-24 board(DMBK-R3008) and DAC-19 board (DMBK-R3004) to be adjusted to the following slots of the IO RACK OXF-IO3000.

Installing board		Slot of IO RACKOXF-IO3000
DIO-24 board (DMBK-R3008)	→	Slot No. 9
DAC-19 board (DMBK-R3004) to be adjusted	→	Slot No. 0

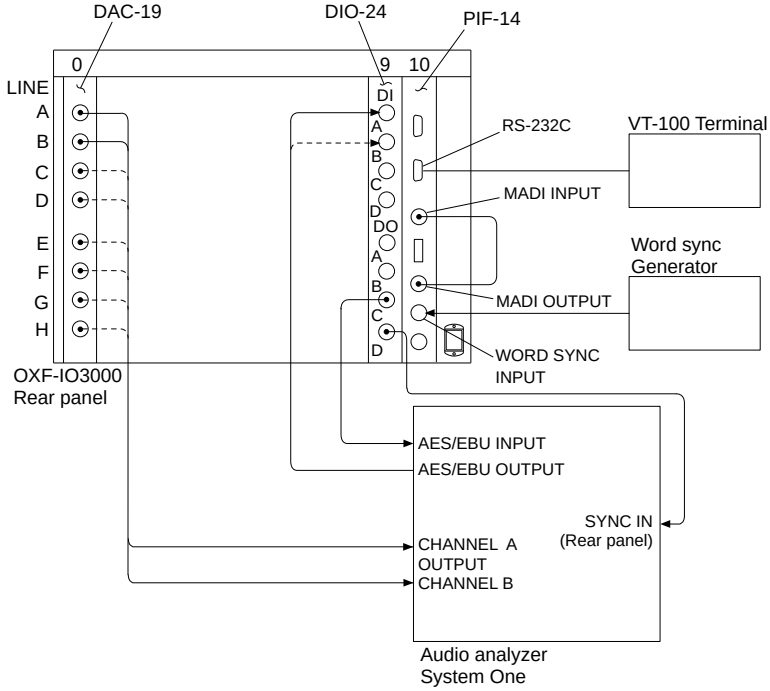
- Connect the Word sync generator to the WORD SYNC INPUT connector on the PIF-14 board panel of IO RACK OXF-IO3000.
- Connect between the MADI OUT connector and MADI INPUT connector on the PIF-14 board panel of IO RACK OXF-IO3000 with BNC cable.
- Connect the VT100 Terminal to the RS-232C connector on the PIF-14 board panel of IO RACK OXF-IO3000.

Adjustment Location



DAC-19 BOARD
(A-side)

Connection



Adjustment Procedure

Step 1. Connection

(1) Connect between the following connectors on the Audio analyzer (System One) and IO RACK.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B INPUT connector	←→	OUTPUT LINE A, B connector (DAC-19 board panel)
AES/EBU OUTPUT connector	←→	DI A connector (DIO-24 board panel)
AES/EBU INPUT connector	←→	DO C connector (DIO-24 board panel)
SYNC IN connector (Rear panel side)	←→	DO D connector (DIO-24 board panel)

Step 2 Adjustment

(1) RV9, 10, 11, 12, 13, 14, 15, and 16 adjustments
Turn the ⊘RV9, 10, 11, 12, 13, 14, 15, and 16 fully counterclockwise.

(2) Load the test program DACFFT. TEST to the Audio analyzer (System One).

(3) ANALOG OUT A/B adjustment

Specification : Display level of READING of audio analyzer (System One) (ANALYZER PANEL) is minimum (−109 dBr or less).

Adjustment : ⊘RV1/ DAC-19 board (ANALOG OUT A adjustment)
⊘RV2/ DAC-19 board (ANALOG OUT B adjustment)

(4) Change the connections between the Audio analyzer(System One) and IO RACK to the following connectors.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B INPUT connector	←→	OUTPUT LINE C, D connector (DAC-19 board panel)
AES/EBU OUTPUT connector	←→	DI A connector (DIO-24 board panel)
AES/EBU I NPUT connector	←→	DO C connector (DIO-24 board panel)
SYNC IN connector (Rear panel side)	←→	DO D connector (DIO-24 board panel)

(5) ANALOG OUT C/D adjustment

Specification : Display level of READING of audio analyzer (System One) (ANALYZER PANEL) is minimum (−109 dBr or less).

Adjustment : ⊘RV3/ DAC-19 board (ANALOG OUT C adjustment)
⊘RV4/ DAC-19 board (ANALOG OUT D adjustment)

(6) Change the connections between the Audio analyzer(System One) and IO RACK to the following connectors.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B INPUT connector	←→	OUTPUT LINE E, F connector (DAC-19 board panel)
AES/EBU OUTPUT connector	←→	DI A connector (DIO-24 board panel)
AES/EBU I NPUT connector	←→	DO C connector (DIO-24 board panel)
SYNC IN connector(Rear panel side)	←→	DO D connector (DIO-24 board panel)

(7) ANALOG OUT E/F adjustment

Specification : Display level of READING of audio analyzer (System One) (ANALYZER PANEL) is minimum (−109 dBr or less).

Adjustment : ⊘RV5/ DAC-19 board (ANALOG OUT E adjustment)
⊘RV6/ DAC-19 board (ANALOG OUT F adjustment)

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(8) Change the connections between the Audio analyzer (System One) and IO RACK to the following connectors.

Audio analyzer (System One)		IO RACK OXF-IO3000
CHANNEL A, B INPUT connector	←→	OUTPUT LINE G, H connector (DAC-19 board panel)
AES/EBU OUTPUT connector	←→	DI A connector (DIO-24 board panel)
AES/EBU I NPUT connector	←→	DO C connector (DIO-24 board panel)
SYNC IN connector (Rear panel side)	←→	DO D connector (DIO-24 board panel)

(9) ANALOG OUT G/H adjustment

Specification : Display level of READING of audio analyzer (System One) (ANALYZER PANEL) is minimum (−109 dBr or less).

Adjustment : ⊘RV7/ DAC-19 board (ANALOG OUT G adjustment)
⊘RV8/ DAC-19 board (ANALOG OUT H adjustment)

2-5. PSW-34 Board Adjustment

This section describes PSW-34 board adjustment (power supply assembly) of CONTROL PANEL OXF-CP3048/ OXF-CP3024.
Perform the adjustment when the PSW-34 board is replaced, and the following components of the PSW-34 board are replaced.

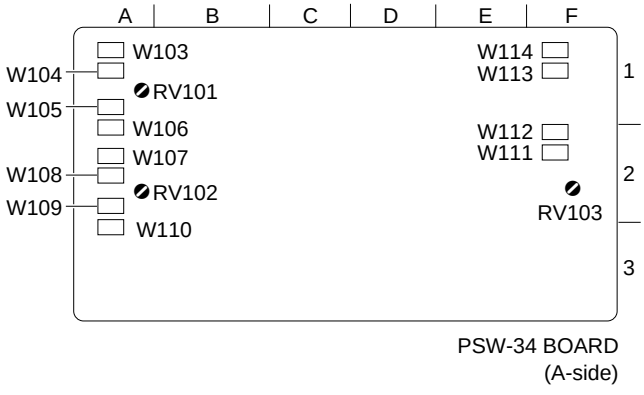
- CP101, CP102, CP103, CP104, CP105, RV101, RV102, RV103, etc.

After installing the new PSW-34 board, remove all loads from the power supply assembly to enter the power supply assembly to the no load status, and perform the following adjustment.

Equipment and Tools Required

Digital multi meter (DC volt meter)
CN-1179 board (Sony part No. A-8311-596-A)
Harness (CH 24R) (Sony part Mo. 1-957-239-11)
Alignment driver

Adjustment Location



PSW-34 BOARD
(A-side)

Adjustment Procedure

Step1. Preparation

(1) Remove the power supply cover from the power supply assembly.
(2) Connect the power supply assembly and the following connectors of the CN-1179 board using the harness (CH24R).

Note

Use only the 18-pin (female) connector and the 20-pin (male) connector of the harness (CH24R). Other connectors of the harness (CH24R) are not necessary to be connected (not used).

Power supply assembly		CN-1179 board
CN3 (18pin, male) connector	⟷	CN501 (20pin, male) connector

(3) Connect the AC power cord to the power supply assembly and turn on the main power.

Step 2. +5 V adjustment

Measurement : Between W103 (+5V) (A1) and W105 (GND) (A1) terminals on the PSW-34 board
Adjustment : ⊘RV101(A1)/PSW-34 board
Specification : W103 (+5V) terminal DC voltage = $+5.00^{+0.05}_{-0}$ Vdc

Step 3. +4 V adjustment

Measurement : Between W107 (+4V) (A2) and W109 (GND) (A2) terminals on the PSW-34 board.
Adjustment : ⊘RV102 (A2)/PSW-34 board
Specification : W107 (+4V) terminal DC voltage = +4.00±0.05 Vdc

Step 4. +12 V (for analog power supply) adjustment

Measurement : Between W111 (+12V) (F2) and W113 (GND) (F1) terminals on the PSW-34 board
Adjustment : ⊘RV103 (F2)/PSW-34 board
Specification : W111(+12V) terminal DC voltage = +12.00±0.05 Vdc

Step 5. Confirmation after adjustment

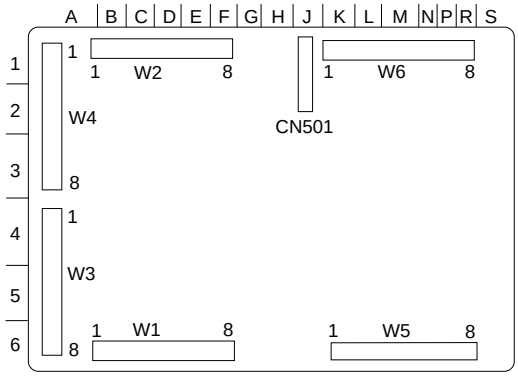
(1) Remove the AC power cord and the CN-1179 board from the power supply assembly, and attach the power supply cover.

(2) Install the power supply assembly to the control panel.
(3) After installing it, connect the AC power cord and turn on the main power.
(4) Confirmation with actual load connected to the power supply
  • After turning on the main power, confirm that all of the POWER status LEDs on the front control panel light (in green).
  • Open the control panel of center bay and the control panel of the side (left or right bay) in which the power supply assembly has been replaced. Check that the voltages at the following terminals of each CN-1179 board satisfy the specification.

Check terminals of each CN-1179 board	Specification
W1-1, -2 and W2-1, -2	Measurement voltage ≦ +5 V
W1-3, -4, -5, -6	Measurement voltage ≦ +4 V
W2-3, -4, -5, -6	Measurement voltage ≦ +4 V
W1-7, -8 and W2-7, -8	Measurement voltage ≦ +12 V
W5-1, -2 and W6-1, -2	Measurement voltage ≦ +12 V (for analog power supply)
W5-3, -4 and W6-3, -4	Measurement voltage ≦ +12 V (for analog power supply)

Note

DGND ; W3-1, -8 and W4-1, -8
AGND ; W5-5, -6, -7, -8 and W6-5, -6, -7, -8



CN-1179 BOARD
(A-side)

2-6. PSW-35 Board Adjustment

This section describes PSW-35 board adjustment (power supply assembly) of CONTROL PANEL OXF-CP3048/ OXF-CP3024.
Perform the adjustment when the PSW-35board is replaced, and the following components of the PSW-35 board are replaced.

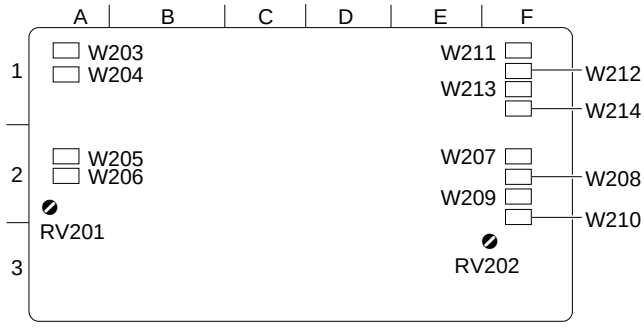
• CP201, CP202, CP203, CP104, CP205, RV201, RV202, etc.

After installing the new PSW-35 board, remove all loads from the power supply assembly to enter the power supply assembly to the no load status, and perform the following adjustment.

Equipment and Tools Required

Digital multi meter (DC volt meter)
CN-1179 board (Sony part No. A-8311-596-A)
Harness (CH 24R) (Sony part No. 1-957-239-11)
Alignment driver

Adjustment Location



PSW-35 BOARD
(A-side)

Adjustment Procedure

Step 1. Preparation

(1) Remove the power supply cover from the power supply assembly.

(2) Connect the power supply assembly and the following connectors of the CN-1179 board using the harness (CH24R).

Note

Use only the 18-pin (female) connector and the 20-pin (male) connector of the harness (CH24R). Other connectors of the harness (CH24R) are not necessary to be connected (not used).

Power supply assembly		CN-1179 board
CN3 (18pin, male) connector	◄——►	CN501 (20pin, male) connector

(3) Connect the AC power cord to the power supply assembly and turn on the main power.

Step 2. +12 V (for analog power supply) adjustment

Measurement : Between W205 (+12 V) (A2) and W203 (GND) (A1) terminals on the PSW-35 board

Adjustment : ⊘RV201 (A2)/PSW-35 board

Specification : W205 (+12 V) terminal DC voltage = +12.00±0.05 Vdc

Step 3. +12 V adjustment

Measurement : Between W207 (+12 V) (F2) and W211 (GND) (F1) terminals on the PSW-35 board.

Adjustment : ⊘RV202 (E3)/PSW-35 board

Specification : W207 (+12 V) terminal DC voltage = +12.0±0.05 Vdc

Step 4. Confirmation after adjustment

(1) Remove the AC power cord and the CN-1179 board from the power supply assembly, and attach the power supply cover.

(2) Install the power supply assembly to the control panel.

(3) After installing it, connect the AC power cord and turn on the main power.

(4) Confirmation with actual load connected to the power supply

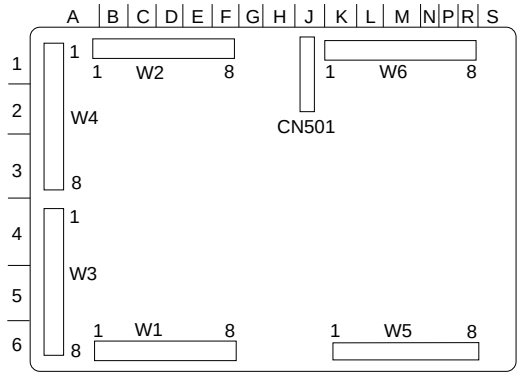
- After turning on the main power, confirm that all of the POWER status LEDs on the front control panel light (in green).
- Open the control panel of center bay and the control panel of the side (left or right bay) in which the power supply assembly has been replaced. Check that the voltages at the following terminals of each CN-1179 board satisfy the specification.

Check terminals of each CN-1179 board	Specification
W1-1, -2 and W2-1, -2	Measurement voltage ≦+5 V
W1-3, -4, -5, -6	Measurement voltage ≦+4 V
W2-3, -4, -5, -6	Measurement voltage ≦+4 V
W1-7, -8 and W2-7, -8	Measurement voltage ≦+12 V
W5-1, -2 and W6-1, -2	Measurement voltage ≦+12 V (for analog power supply)
W5-3, -4 and W6-3, -4	Measurement voltage ≦+12 V (for analog power supply)

Note

DGND ; W3-1, -8 and W4-1, -8

AGND ; W5-5, -6, -7, -8 and W6-5, -6, -7, -8



CN-1179 BOARD
(A-side)

Section 3
Spare Parts

3-1. 補修部品注意事項

1. 安全重要部品

⚠警告

⚠印のついた部品は安全性を維持するために重要な部品です。したがって，交換する時は必ず指定の部品を使ってください。

2. 部品の共通化

ソニーから供給する補修用部品は，セットに使われているものと異なることがあります。
これは部品の共通化，改良等によるものです。
部品表には現時点での共通化された補修用部品が記載されています。

3. 部品の在庫

部品表のSP (Supply code) 欄に "o" で示される部品は在庫していないことがあり，納期が長くなることがあります。

4. 単位の表記

下記の単位については，表記を変更または省略しています。

	単位	表記
静電容量	μF	uF
インダクタンス	μH	uH
抵抗値	Ω	省略
温度	°C	XXX-DEG-C

3-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.
Parts list has the present standardized repair parts.

3. Stock of Parts

Parts marked with "o" at SP (Supply code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

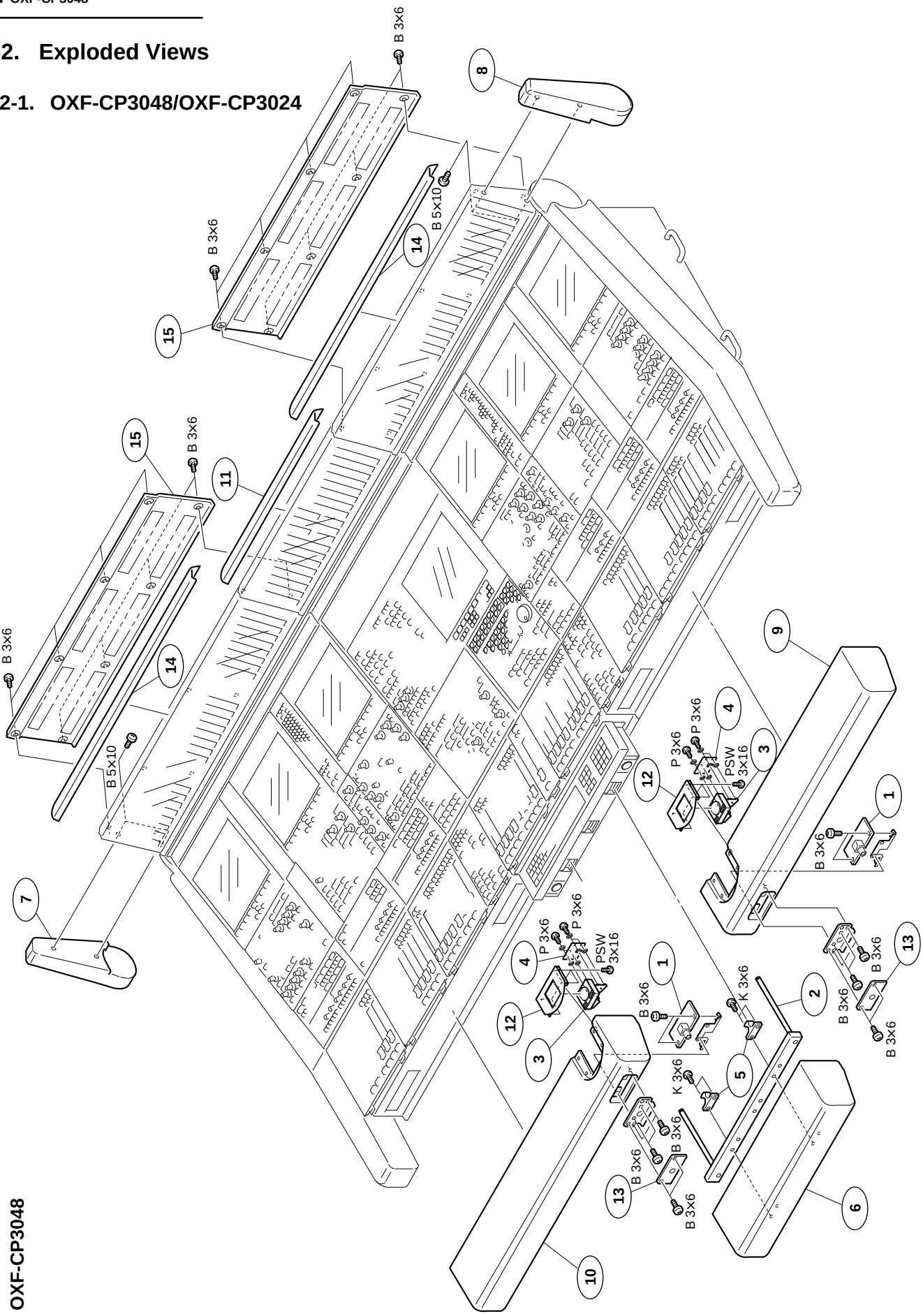
4. Units Representation

The following represented units are changed or omitted in writing.

	Units	Representation
Capacitance	μF	uF
Inductance	μH	uH
Resistance	Ω	Abbreviation
Temperature	°C	XXX-DEG-C

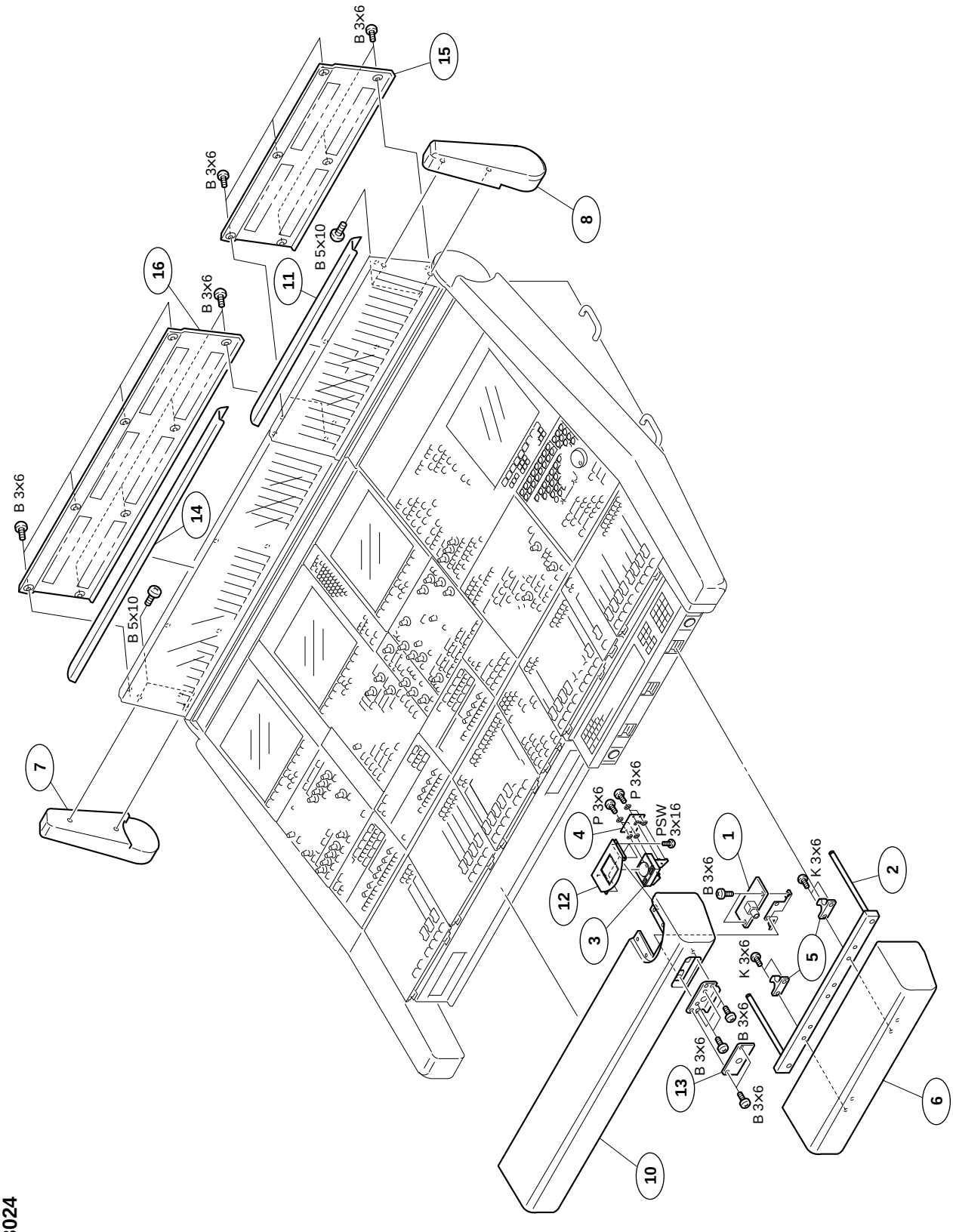
3-2. Exploded Views

3-2-1. OXF-CP3048/OXF-CP3024



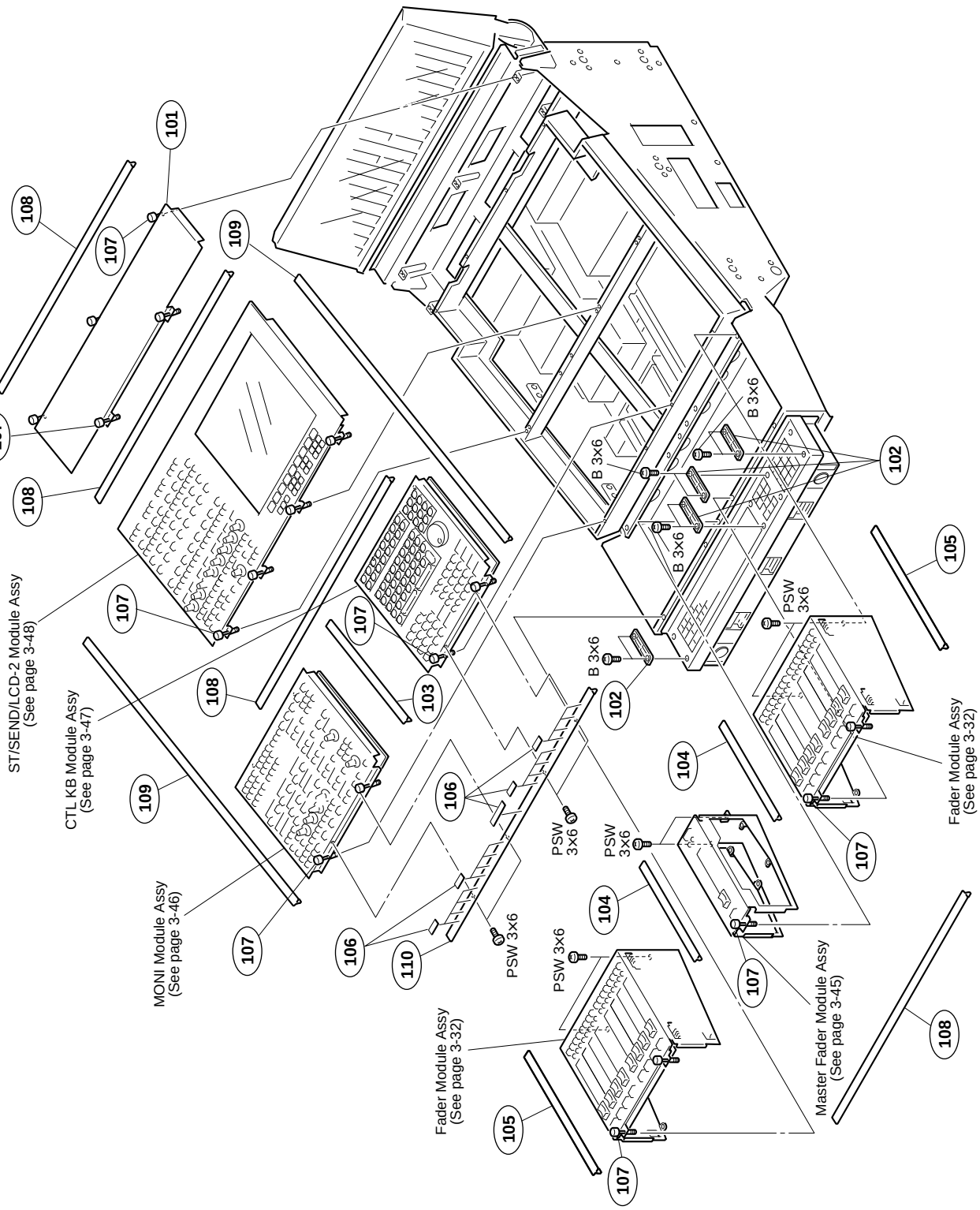
Overall
OXF-CP3048

No.	Part No.	SP	Descriptiion
1	A-8311-594-A	o	MOUNTED CIRCUIT BOARD, HP-62
2	X-3678-999-2	o	ASSY,SHAFT BASE
3	1-475-152-11	s	BALL UNIT,TRACKER
4	1-589-973-11	s	IF CARD
5	3-153-721-01	s	BALL CATCH
6	3-606-557-01	o	COVER, QWERTY
7	3-606-567-01	o	METER SIDE WOOD(L)
8	3-606-573-01	o	METER SIDE WOOD(R)
9	3-606-577-02	o	ARMREST(24R)
10	3-606-578-02	o	ARMREST(24L)
11	3-606-584-03	o	COVER, TOP(C)
12	3-606-611-02	o	SEET,TRACKER BALL
13	3-606-639-01	o	PLATE,HP ORNAMENTAL
14	3-606-642-03	o	COVER, TOP
15	3-606-661-02	o	REAR COVER, METER(24)



Overall
OXF-CP3024

No.	Part No.	SP	Description
1	A-8311-594-A	o	MOUNTED CIRCUIT BOARD, HP-62
2	X-3678-999-2	o	ASSY,SHAFT BASE
3	1-475-152-11	s	BALL UNIT,TRACKER
4	1-589-973-11	s	IF CARD
5	3-153-721-01	s	BALL CATCH
6	3-606-557-01	o	COVER, QWERTY
7	3-606-567-01	o	METER SIDE WOOD(L)
8	3-606-573-01	o	METER SIDE WOOD(R)
9	3-606-577-02	o	ARMREST(24R)
10	3-606-578-02	o	ARMREST(24L)
11	3-606-584-03	o	COVER, TOP(C)
12	3-606-611-02	o	SEET,TRACKER BALL
13	3-606-639-01	o	PLATE,HP ORNAMENTAL
14	3-606-642-03	o	COVER, TOP
15	3-606-660-02	o	REAR COVER, METER(C)
16	3-606-661-02	o	REAR COVER, METER(24)

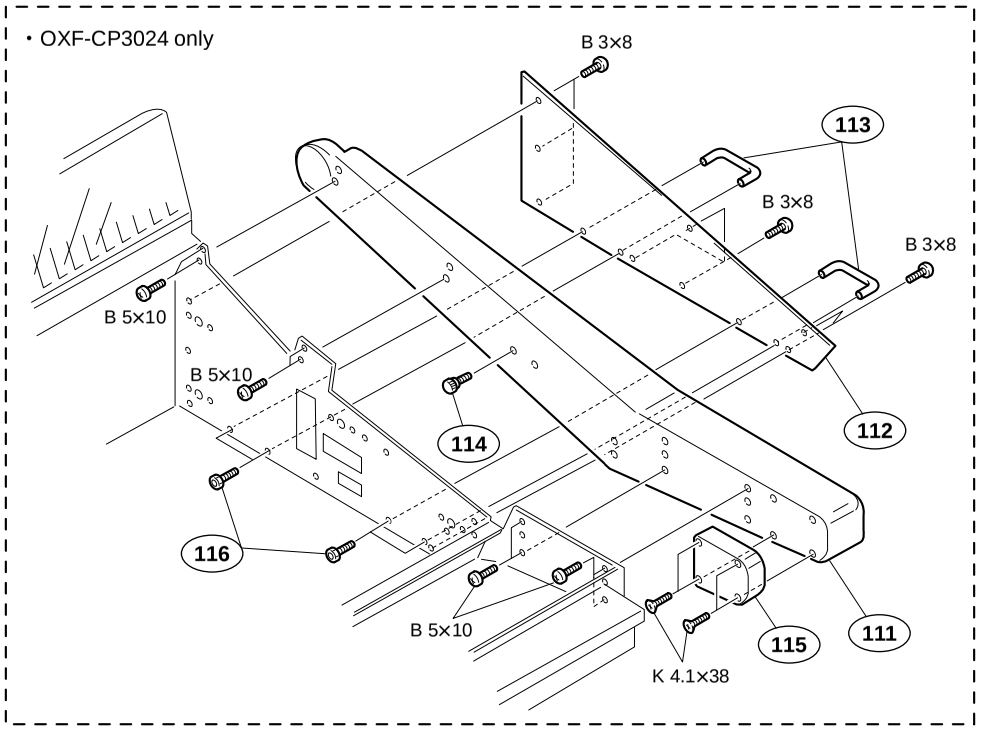

101
102
103
104
105
106
107
108
109
110
B 3x6
PSW 3x6
ST/SEND/LCD-2 Module Assy (See page 3-48)
CTL KB Module Assy (See page 3-47)
MONI Module Assy (See page 3-46)
Fader Module Assy (See page 3-32)
Master Fader Module Assy (See page 3-45)

Center Bay (1)

No.	Part No.	SP	Description
101	A-8278-591-A	o	ASSY,CENTER BLANK
102	3-168-337-11	o	FOOT
103	3-606-651-01	o	FRAME TRIM A(247)
104	3-606-652-01	o	FRAME TRIM A(243)
105	3-606-654-01	o	FRAME TRIM A(258)
106	3-606-662-02	o	BOARD,SCRIBBLE
107	3-606-668-01	s	SCREW,FITTING
108	3-606-675-01	o	FRAME TRIM A(568)
109	3-606-676-01	o	FRAME TRIM A(706)
110	3-606-790-01	o	FRAME TRIM B(568)

• Following parts apply to OXF-CP3024.

111	3-606-574-03	o	SIDE WOOD(R)
112	3-606-644-03	o	PLATE,SIDE ORNAMENTAL
113	3-606-645-01	o	HANDLE
114	3-606-646-01	o	SHAFT,STAIR
115	3-614-440-01	o	ARMREST(24C)
116	4-701-101-11	o	BOLT(M8x10),HEXAGON SOCKET



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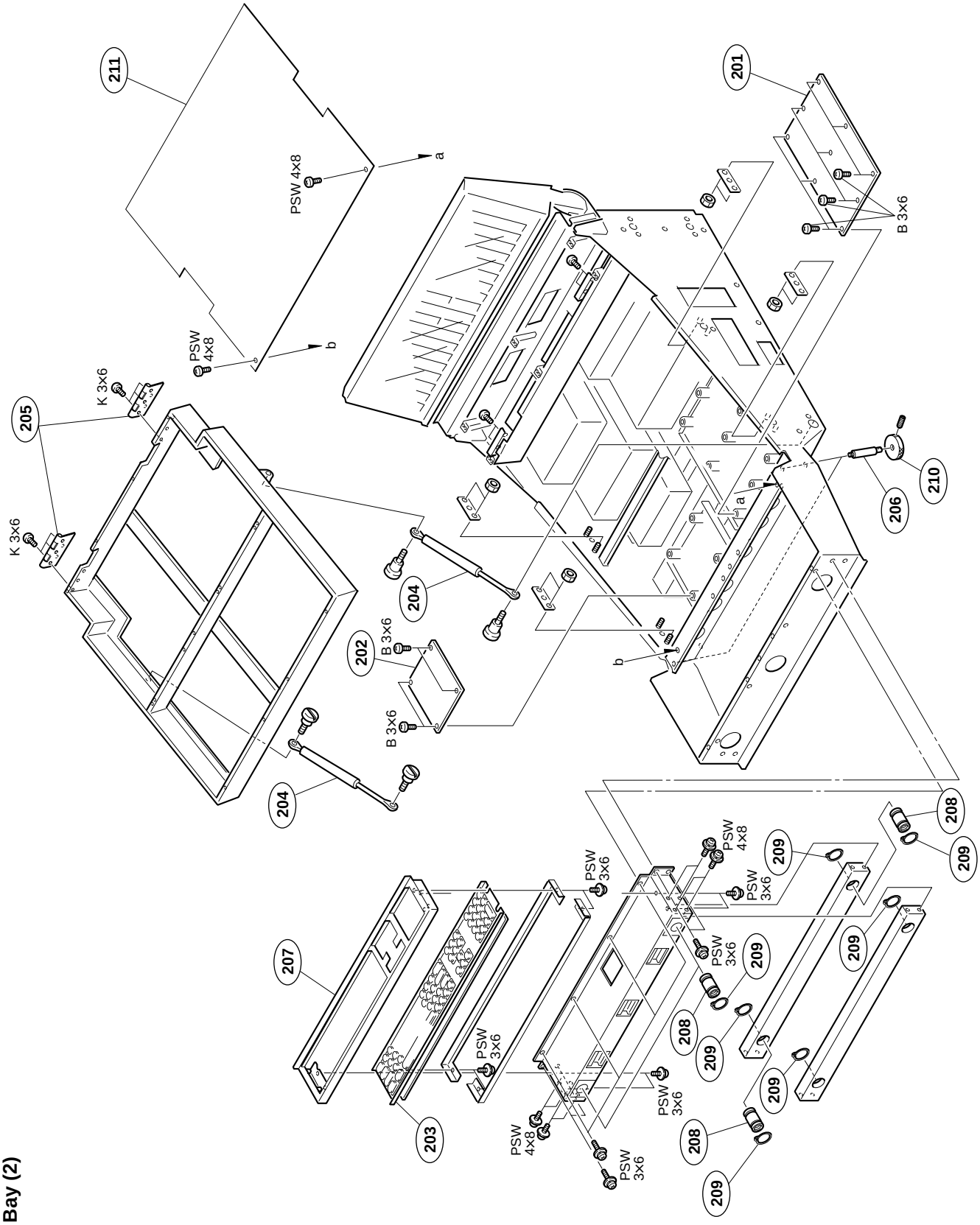
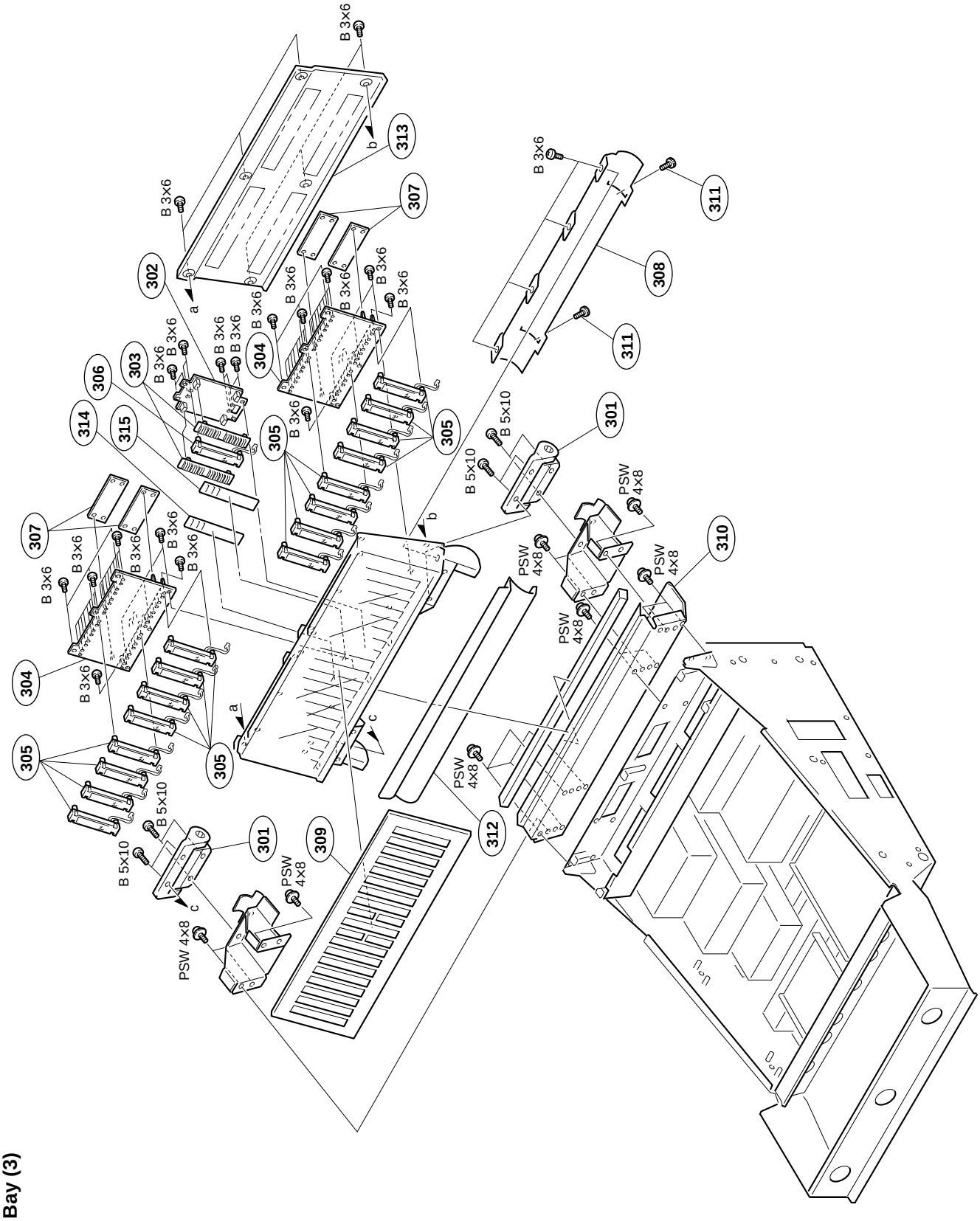

211
PSW 4x8
a
PSW 4x8
b
201
B 3x6
K 3x6
205
K 3x6
206
210
a
204
202
B 3x6
B 3x6
b
204
208
209
PSW 4x8
PSW 3x6
PSW 3x6
209
207
PSW 3x6
PSW 3x6
209
208
209
PSW 4x8
PSW 3x6
209
208
209
203

Center Bay (2)

No.	Part No.	SP	Description
201	A-8311-596-A	o	MOUNTED CIRCUIT BOARD, CN-1179
202	A-8311-740-A	o	MOUNTED CIRCUIT BOARD, BF-57
203	1-759-489-11	s	KEY BOARD UNIT
204	3-606-549-02	o	DAMPER(412)
205	3-606-552-01	o	HINGE
206	3-606-553-01	o	SHAFT,SUB FRAME FIXED
207	3-606-558-02	o	SHEET,QWERTY
208	3-606-560-01	o	LINER BEARING
209	3-606-561-01	o	RING,STOPPER
210	3-606-690-01	o	KNOB,SHAFT
211	3-611-268-01	o	MAIN SHILED


B 3x6
B 5x10
PSW 4x8
301
302
303
304
305
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307
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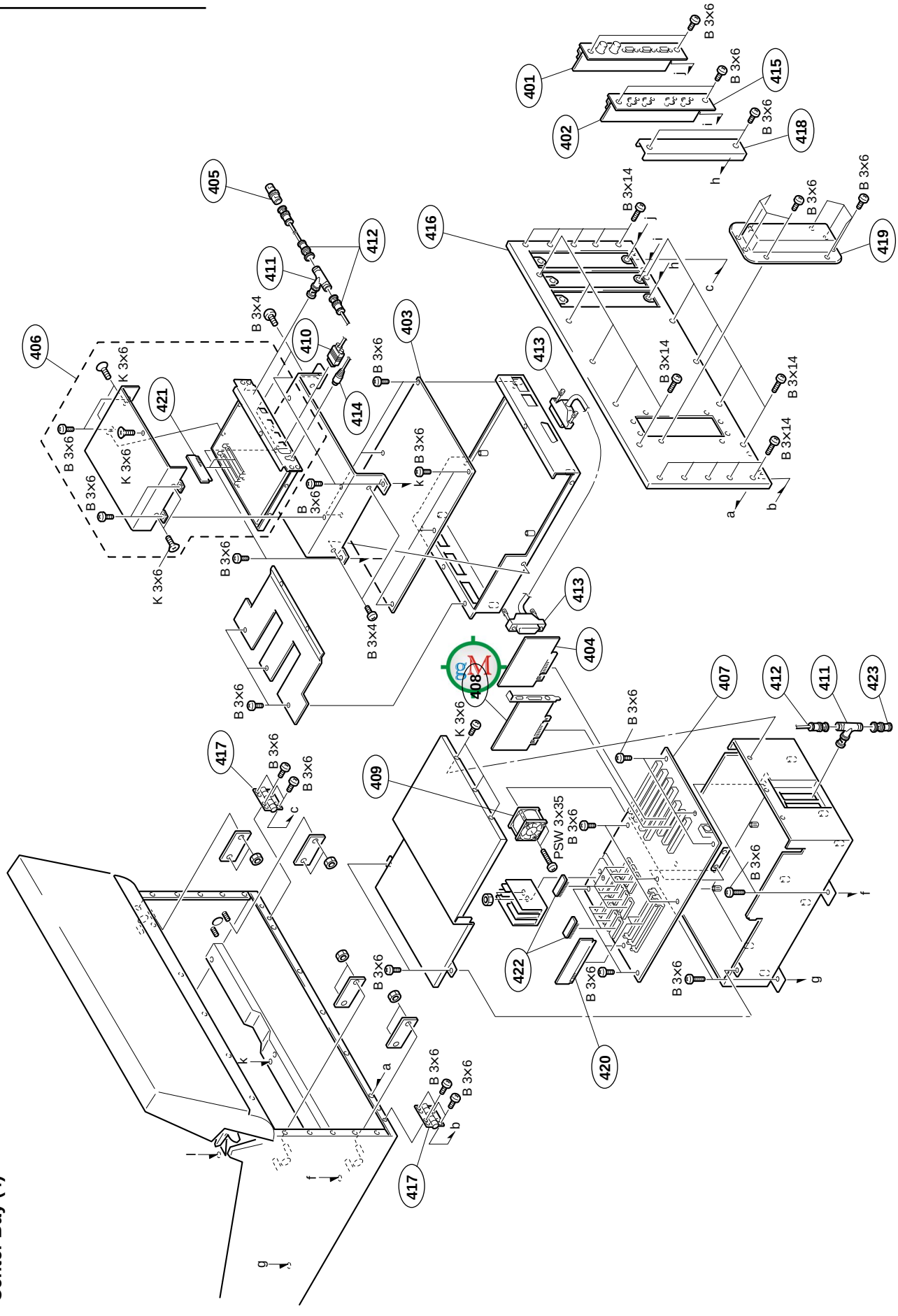
315

Center Bay (3)

No.	Part No.	SP	Description
301	A-8278-539-A	o	HINGE,FREE STOP ASSY
302	A-8311-590-A	o	MOUNTED CIRCUIT BOARD, IF-530
303	A-8311-591-A	o	MOUNTED CIRCUIT BOARD, DP-232
304	A-8311-607-A	o	MOUNTED CIRCUIT BOARD, MB-625
305	1-475-145-11	s	METER UNIT, LCD (STEREO)
306	1-475-147-11	s	METER UNIT, LCD (MAIN)
307	1-475-148-11	s	INVERTER, DC-AC
308	3-606-563-01	o	COVER,BOTTOM(C)
309	3-606-564-03	o	WINDOW,METER(C)
310	3-606-566-02	o	PLATE,BOTTOM METER(C)(OXF-CP3048)
310	3-614-441-01	o	PLATE,BOTTOM METER(24)(OXF-CP3024)
311	3-606-568-01	s	SCREW,METER FIXED
312	3-606-585-01	o	COVER,FRONT(C)
313	3-606-660-02	o	REAR COVER,METER(C)
314	3-606-697-02	o	WINDOW A
315	3-606-698-02	o	WINDOW B


401
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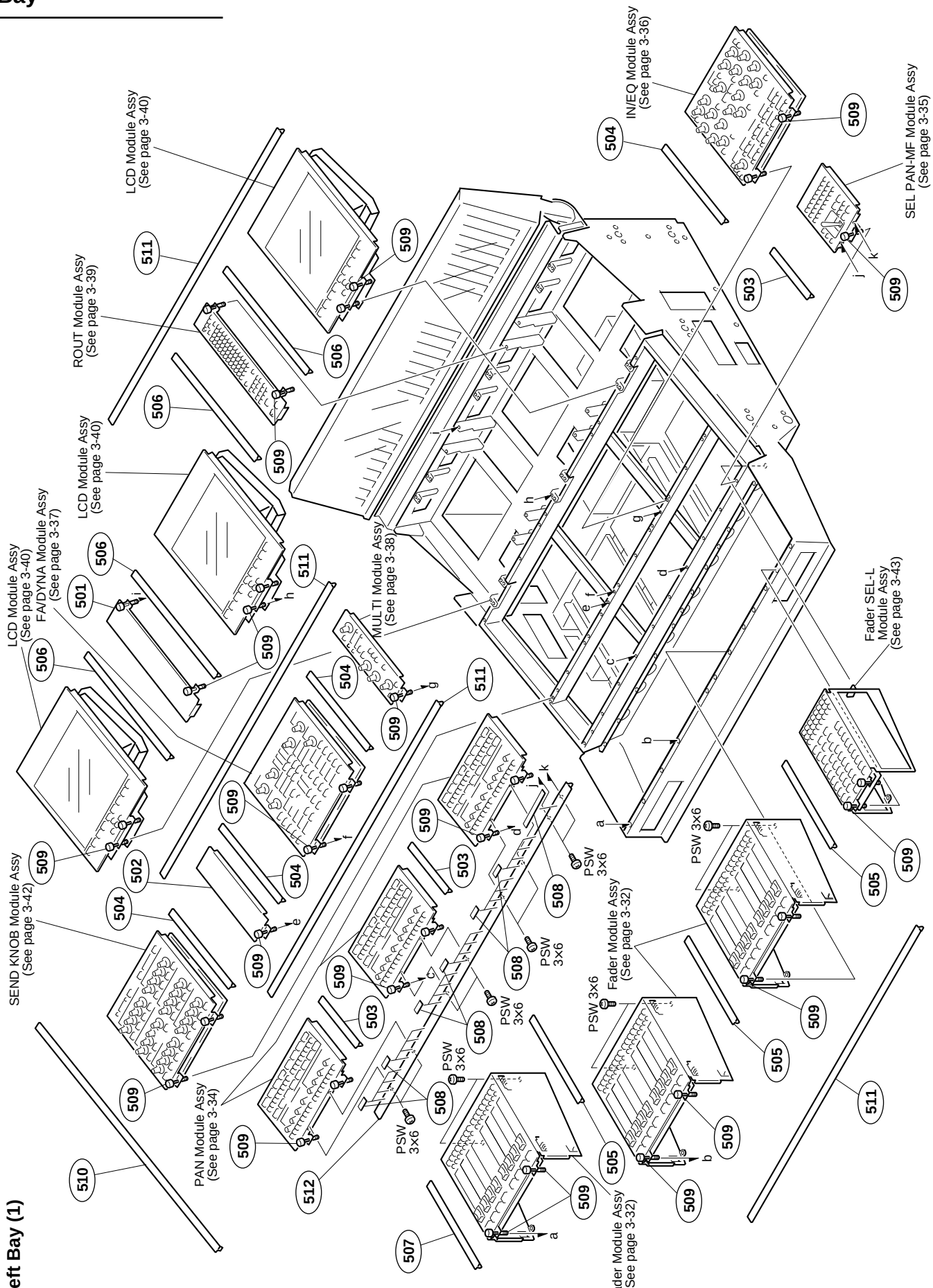
B 3x6
B 3x4
B 3x14
K 3x6
PSW 3x35

Center Bay (4)

No.	Part No.	SP	Description
401	A-8311-458-A	o	MOUNTED CIRCUIT BOARD, CN-1177
402	A-8311-593-A	o	MOUNTED CIRCUIT BOARD, CN-1176
403	A-8311-603-A	o	MOUNTED CIRCUIT BOARD, SCC-4
404	A-8311-614-A	o	MOUNTED CIRCUIT BOARD, IF-581B
405	1-562-575-11	o	CONNECTOR, BNC(J-J)
406	1-589-968-11	s	X TERMINAL BOARD
407	1-589-974-11	s	BOARD, PCI MOTHER
408	1-589-975-11	s	CARD, NETWORK INTERFACE
409	1-698-918-11	s	FAN, DC
410	1-777-743-11	s	CABLE ASSY(15PDSUBX2CONNECTOR)
411	1-779-713-11	o	CONNECTOR, COAXIAL
412	1-782-415-11	o	CORD, CONNECTION(BNC-BNC)
413	1-782-544-12	s	CORD, CONNECTION(80P)
414	1-958-215-11	o	HARNESS(SERVER)
415	3-606-539-01	o	CN-1176 PANEL
416	3-606-542-01	o	BRACKET,CONNECTER(24)
417	3-606-552-01	o	HINGE
418	3-608-423-01	o	PANEL,BLANK
419	3-608-842-01	o	COVER,CONNECTOR
420	8-749-011-21	o	IC TM497MBK36A-70(SIMM)
421	8-749-013-01	o	IC TM248CBK32F-60(SIMM)
422	8-759-451-69	o	IC IDT71256SA15TP(SRAM)
423	1-573-551-11	s	TERMINATOR


LCD Module Assy (See page 3-40)
ROUT Module Assy (See page 3-39)
LCD Module Assy (See page 3-40)
LCD Module Assy (See page 3-40) FA/DYNA Module Assy (See page 3-37)
MULTI Module Assy (See page 3-38)
IN/EQ Module Assy (See page 3-36)
SEL PAN-MF Module Assy (See page 3-35)
Fader SEL-L Module Assy (See page 3-43)
SEND KNOB Module Assy (See page 3-42)
PAN Module Assy (See page 3-34)
Fader Module Assy (See page 3-32)
Fader Module Assy (See page 3-32)
PSW 3x6
501
502
503
504
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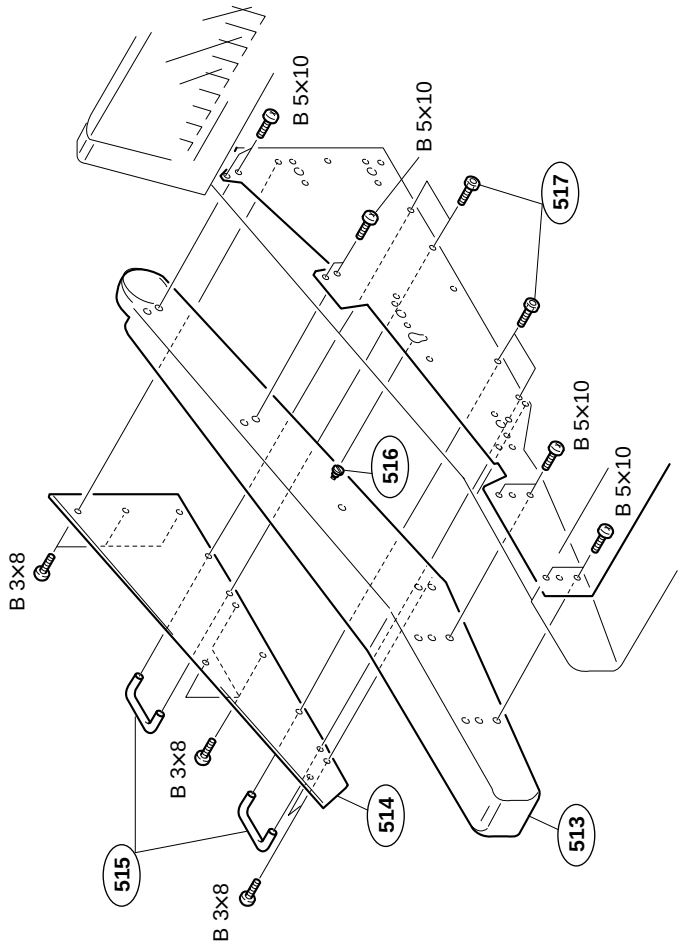
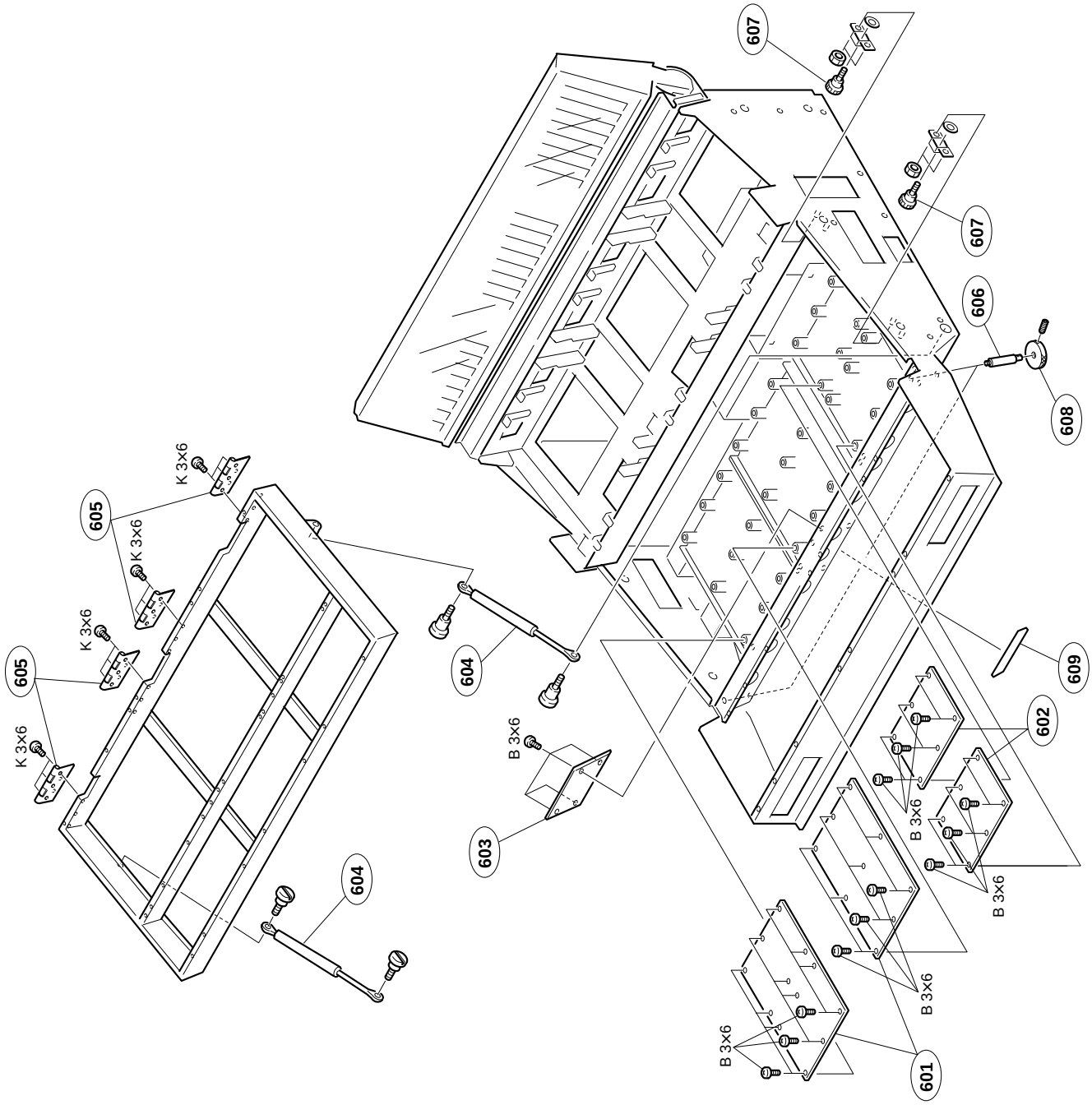
511
512

Left Bay (1)



No.	Part No.	SP	Description
501	A-8278-589-A	o	ASSY,ROUT BLANK
502	A-8278-590-A	o	ASSY,MULTI BLANK
503	3-606-649-01	o	FRAME TRIM A(119)
504	3-606-650-01	o	FRAME TRIM A(243)
505	3-606-652-01	o	FRAME TRIM A(248)
506	3-606-653-01	o	FRAME TRIM A(312)
507	3-606-654-01	o	FRAME TRIM A(258)
508	3-606-662-02	o	BOARD,SCRIBBLE
509	3-606-668-01	s	SCREW,FITTING
510	3-606-676-01	o	FRAME TRIM A(706)
511	3-606-677-01	o	FRAME TRIM A(888)
512	3-606-791-01	o	FRAME TRIM B(888)
513	3-606-575-03	o	SIDE WOOD(L)
514	3-606-644-11	o	PLATE,SIDE ORNAMENTAL
515	3-606-645-01	o	HANDLE
516	3-606-646-01	o	SHAFT,SXTAIR
517	4-701-101-11	o	BOLT (M8X10), HEXAGON SOCKET


607
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602
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K 3x6
K 3x6
605
K 3x6
K 3x6
605
604
B 3x6
603
604
B 3x6
B 3x6
B 3x6
B 3x6
601

Left Bay (2)

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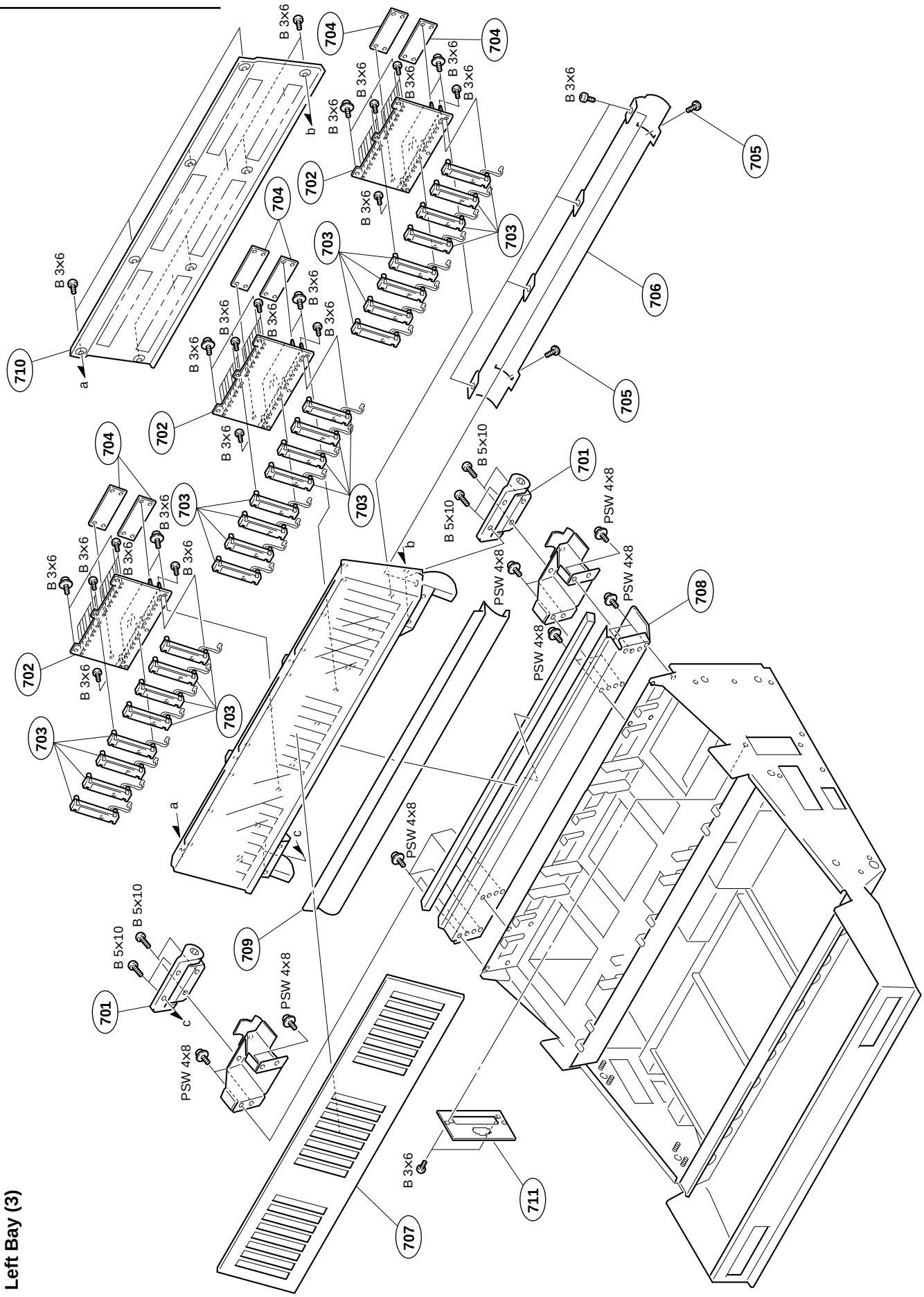
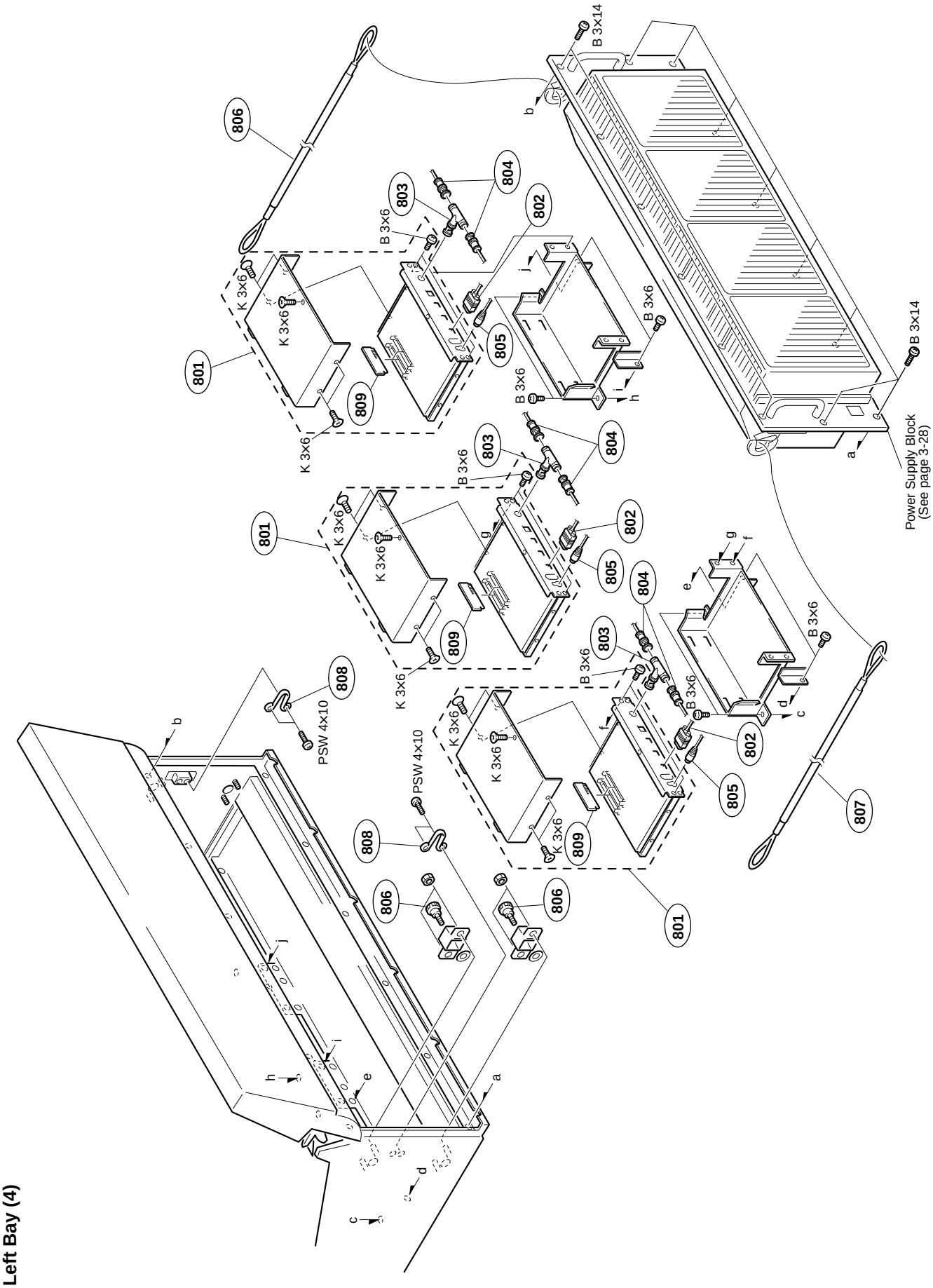
No.	Part No.	SP	Description
601	A-8311-596-A	O	MOUNTED CIRCUIT BOARD, CN-1179
602	A-8311-740-A	O	MOUNTED CIRCUIT BOARD, BF-57
603	1-646-196-11	O	PRINTED CIRCUIT BORAD, LED-136
604	3-606-551-02	O	DAMPER(279)
605	3-606-552-01	O	HINGE
606	3-606-553-01	O	SHAFT,SUB FRAME FIXED
607	3-606-647-01	O	HANDLE
608	3-606-690-01	O	KNOB,SHAFT
609	3-606-789-01	O	SHEET,POWER SUPPLY


B 3x6
704
702
703
710
705
706
B 5x10
701
PSW 4x8
708
709
707
711
a
b
c

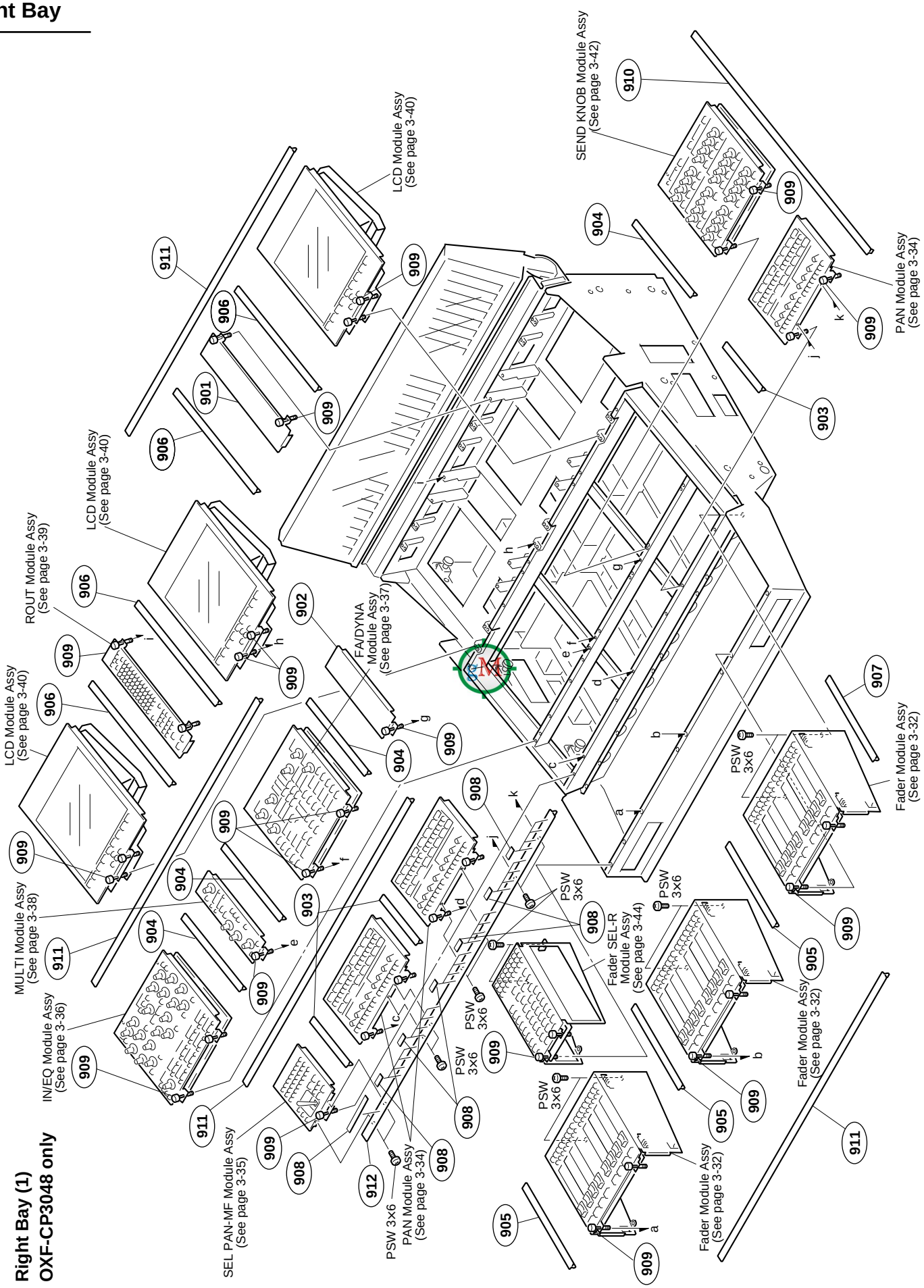
Left Bay (3)

No.	Part No.	SP	Description
701	A-8278-539-A	o	HINGE,FREE STOP ASSY
702	A-8311-607-A	o	MOUNTED CIRCUIT BOARD, MB-625
703	1-475-146-11	s	METER UNIT, LCD (MONO)
704	1-475-148-11	s	INVERTER, DC-AC
705	3-606-568-01	s	SCREW,METER FIXED
706	3-606-604-01	o	COVER,BOTTOM(24R)
707	3-606-605-02	o	WINDOW,METER(R)
708	3-606-606-02	o	PLATE,METER BOTTOM(24R)
709	3-606-643-01	o	COVER,FRONT(24)
710	3-606-661-02	o	REAR COVER,METER(24)
711	3-608-844-01	o	BRACKET,CONNECTOR


B 3x14
806
804
803
B 3x6
802
K 3x6
801
805
809
j
i
h
Power Supply Block
(See page 3-28)
a
g
f
e
d
c
808
PSW 4x10
807
b

Left Bay (4)

No.	Part No.	SP	Description
801	1-589-968-11	s	X TERMINAL BOARD
802	1-777-743-11	s	CABLE ASSY(15PDSUBX2CONNECTOR)
803	1-779-713-11	s	CONNECTOR, COAXIAL
804	1-782-415-11	s	CORD, CONNECTION (BNC-BNC)
805	1-958-215-11	o	HARNESS (SERVER)
806	3-606-647-01	o	HANDLE
807	3-608-843-01	o	WIRE,ROPE
808	3-609-649-01	o	HOOK
809	8-749-013-01	s	IC TM248CBK32F-60(SIMM)

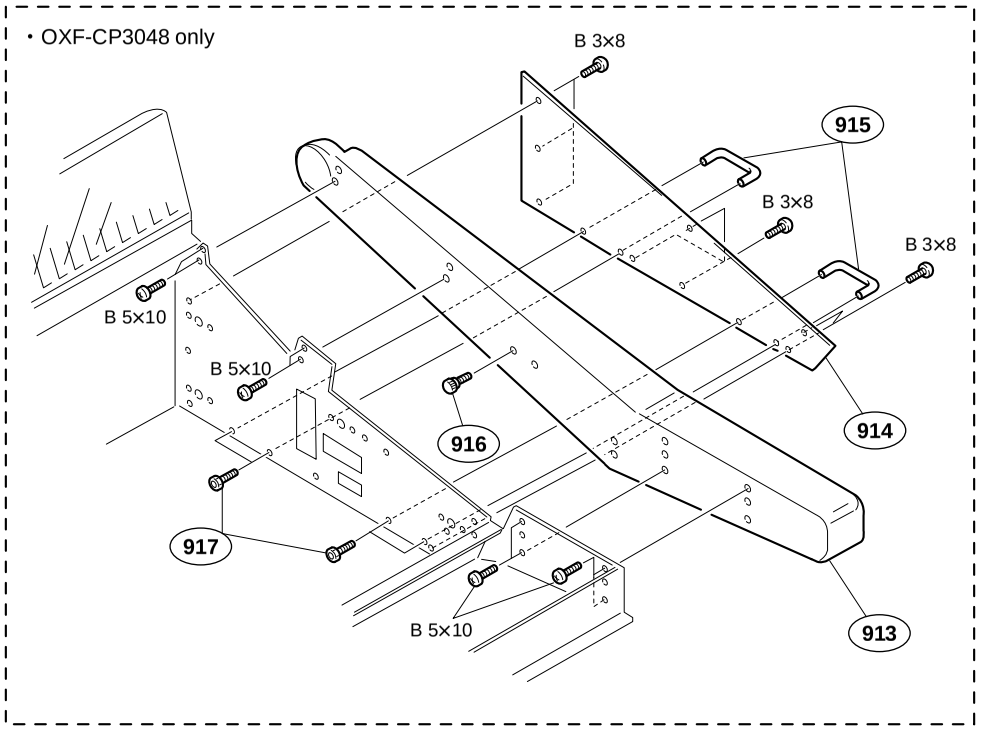

LCD Module Assy (See page 3-40)
SEND KNOB Module Assy (See page 3-42)
PAN Module Assy (See page 3-34)
ROUT Module Assy (See page 3-39)
FA/DYNA Module Assy (See page 3-37)
MULTI Module Assy (See page 3-38)
IN/EQ Module Assy (See page 3-36)
SEL PAN-MF Module Assy (See page 3-35)
PAN Module Assy (See page 3-34)
PSW 3x6
Fader SEL-R Module Assy (See page 3-44)
Fader Module Assy (See page 3-32)
Fader Module Assy (See page 3-32)

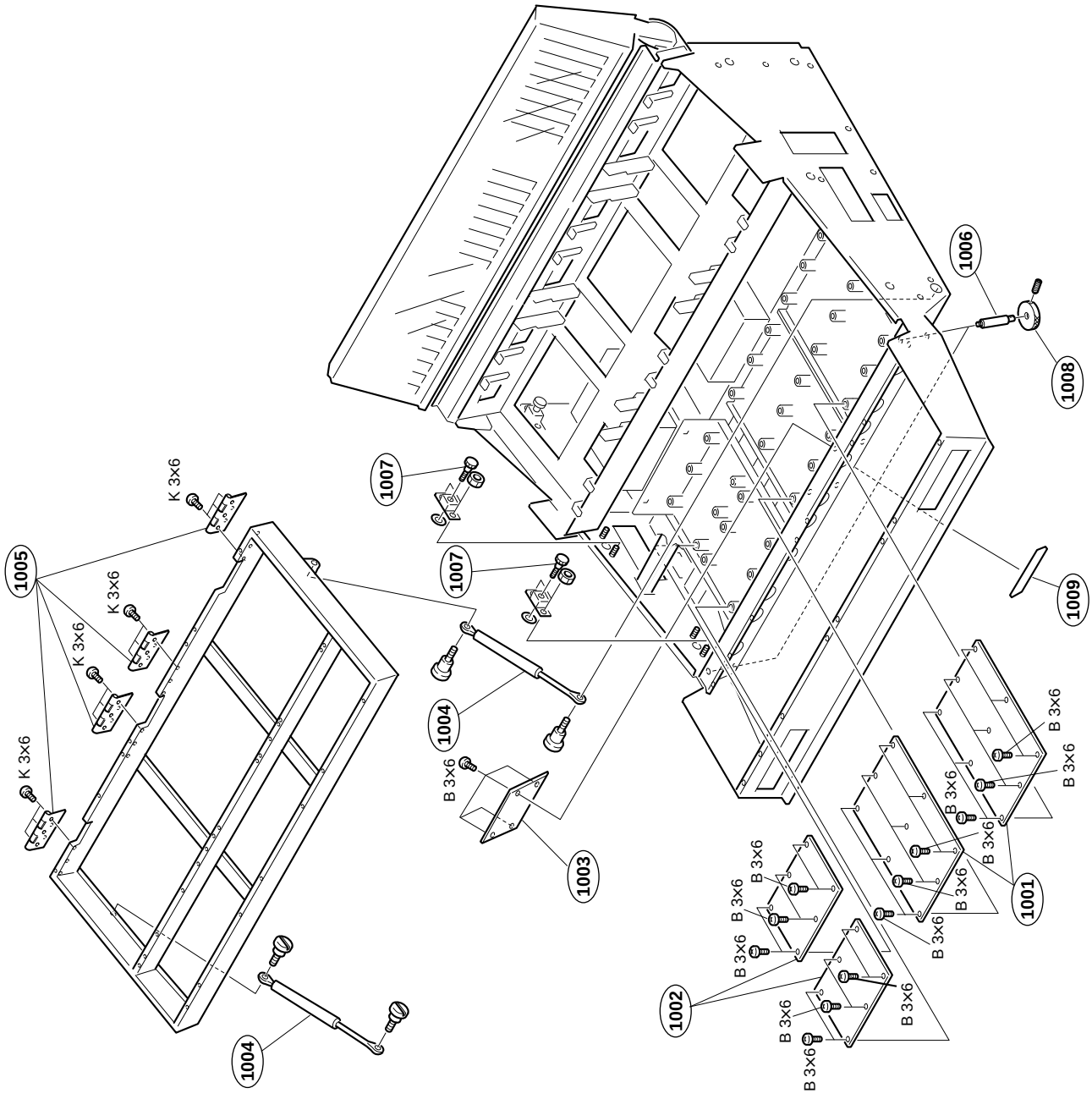
Right Bay (1)
OXF-CP3048 only

No.	Part No.	SP	Description
901	A-8278-589-A	o	ASSY,ROUT BLANK
902	A-8278-590-A	o	ASSY,MULTI BLANK
903	3-606-649-01	o	FRAME TRIM A(119)
904	3-606-650-01	o	FRAME TRIM A(243)
905	3-606-652-01	o	FRAME TRIM A(248)
906	3-606-653-01	o	FRAME TRIM A(312)
907	3-606-654-01	o	FRAME TRIM A(258)
908	3-606-662-02	o	BOARD,SCRIBBLE
909	3-606-668-01	s	SCREW,FITTING
910	3-606-676-01	o	FRAME TRIM A(706)
911	3-606-677-01	o	FRAME TRIM A(888)
912	3-606-719-01	o	FRAME TRIM B(888)

• Following parts apply to OXF-CP3048.

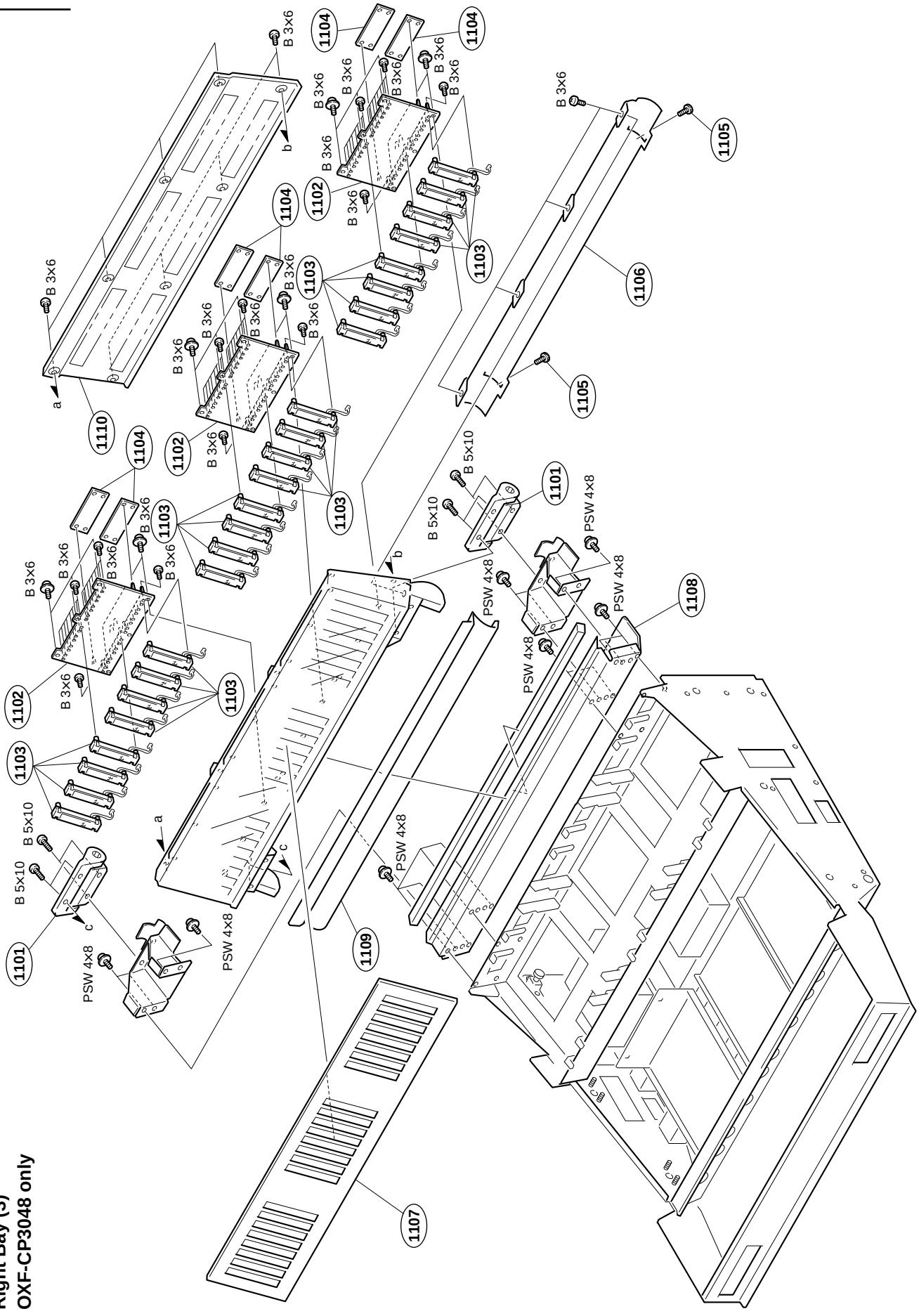
913	3-606-574-03	o	SIDE WOOD(R)
914	3-606-644-03	o	PLATE,SIDE ORNAMENTAL
915	3-606-465-01	o	HANDLE
916	3-606-646-01	o	SHAFT,STAIR
917	4-701-101-11	o	BOLT,(M8x10),HEXAGON SOCKET





Right Bay (2)
OXF-CP3048 only

No.	Part No.	SP		Description
1001	A-8311-596-A	o		MOUNTED CIRCUIT BOARD, CN-1179
1002	A-8311-740-A	o		MOUNTED CIRCUIT BOARD, BF-57
1003	1-646-196-11	o		PRINTED CIRCUIT BORAD, LED-136
1004	3-606-551-02	o		DAMPER(279)
1005	3-606-552-01	o		HINGE
1006	3-606-553-01	o		SHAFT,SUB FRAME FIXED
1007	3-606-647-01	o		HANDLE
1008	3-606-690-01	o		KNOB,SHAFT
1009	3-606-789-01	o		SHEET,POWER SUPPLY



Right Bay (3)
OXF-CP3048 only

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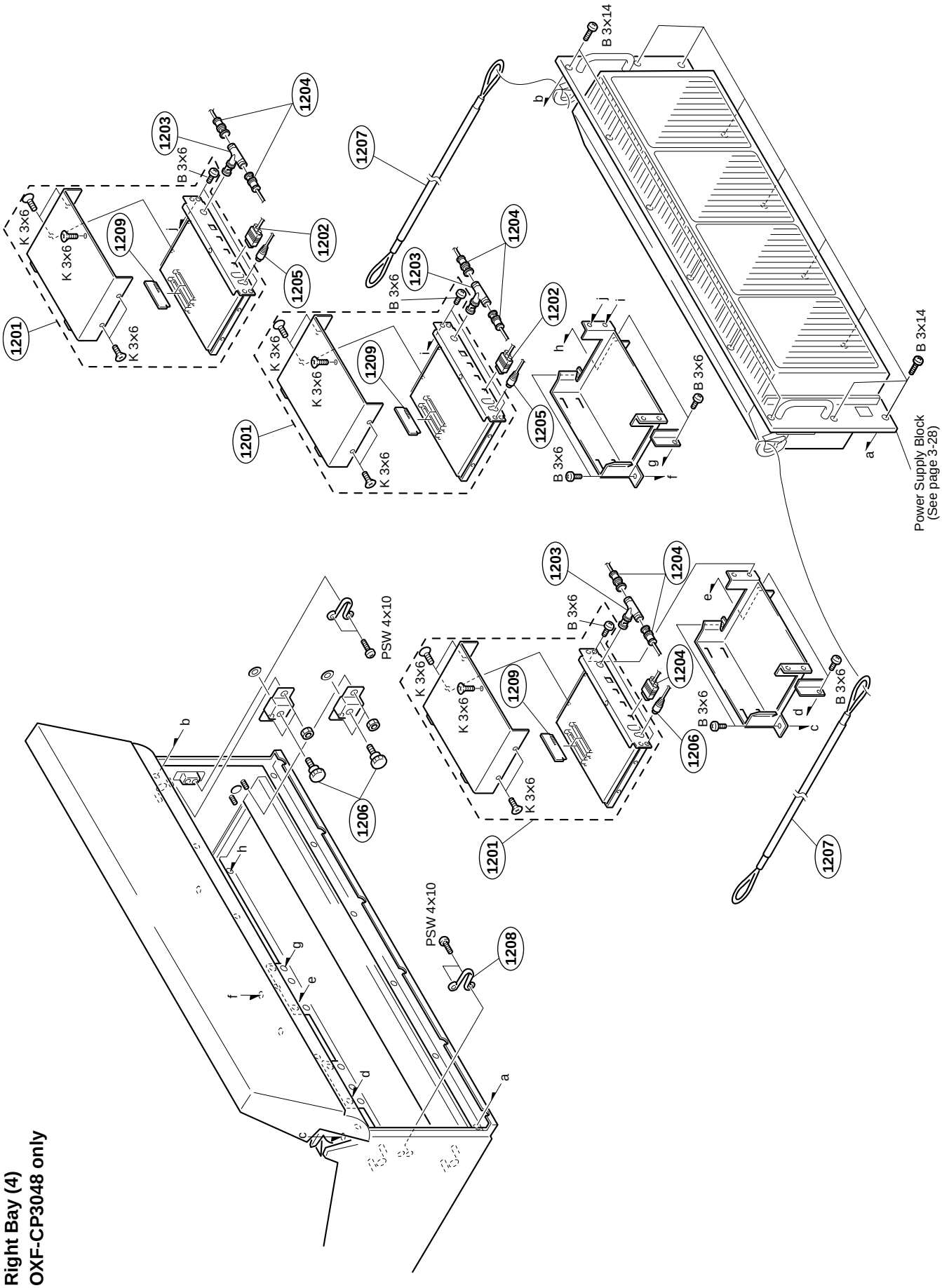
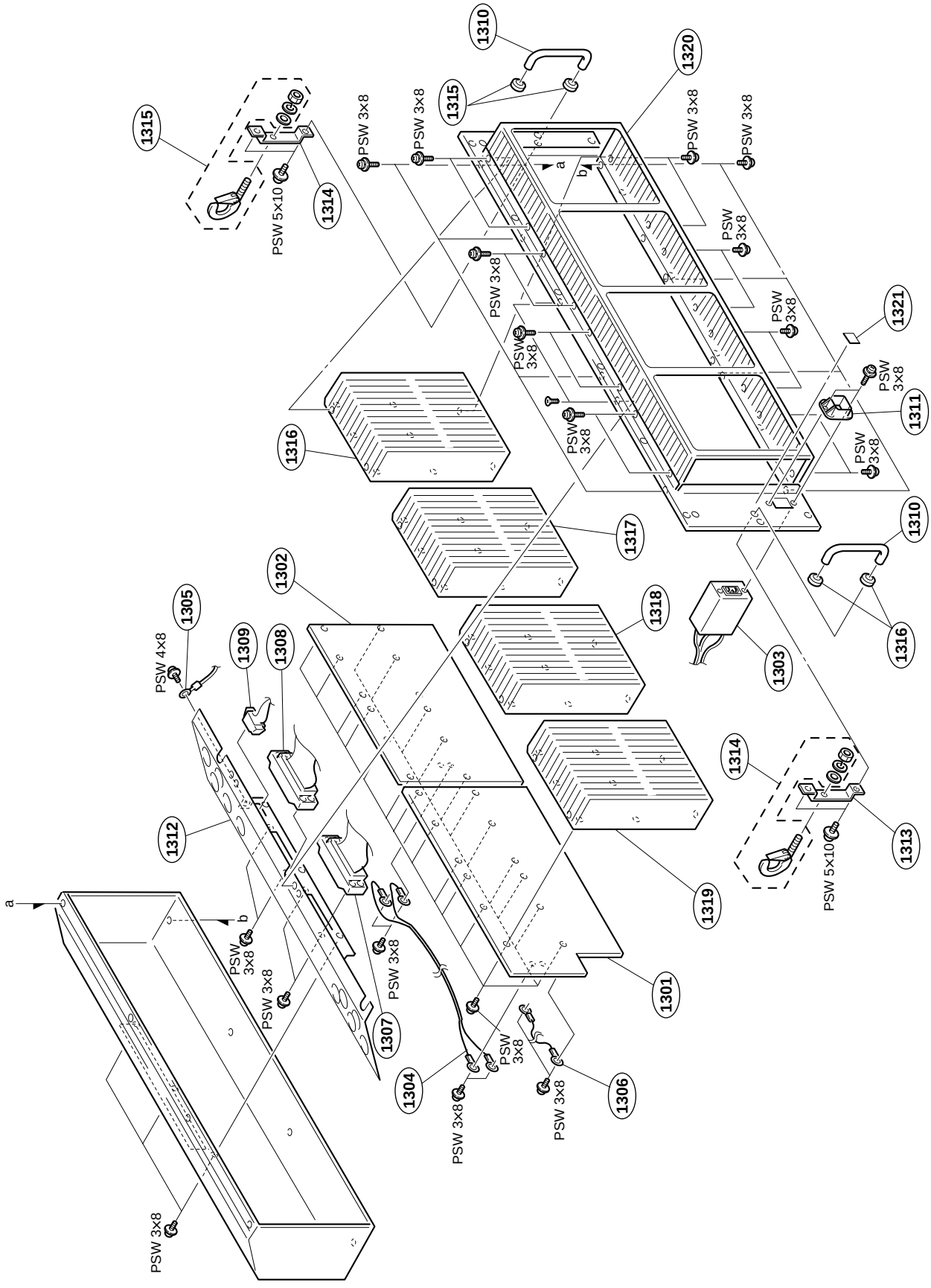
No.	Part No.	SP	Description
1101	A-8278-539-A	o	HINGE,FREE STOP ASSY
1102	A-8311-607-A	o	MOUNTED CIRCUIT BOARD, MB-625
1103	1-475-146-11	s	METER UNIT, LCD (MONO)
1104	1-475-148-11	s	INVERTER, DC-AC
1105	3-606-568-01	s	SCREW,METER FIXED
1106	3-606-604-01	o	COVER,BOTTOM(24R)
1107	3-606-605-02	o	WINDOW,METER(R)
1108	3-606-606-02	o	PLATE,METER BOTTOM(24R)
1109	3-606-643-01	o	COVER,FRONT(24)
1110	3-606-661-02	o	REAR COVER,METER(24)



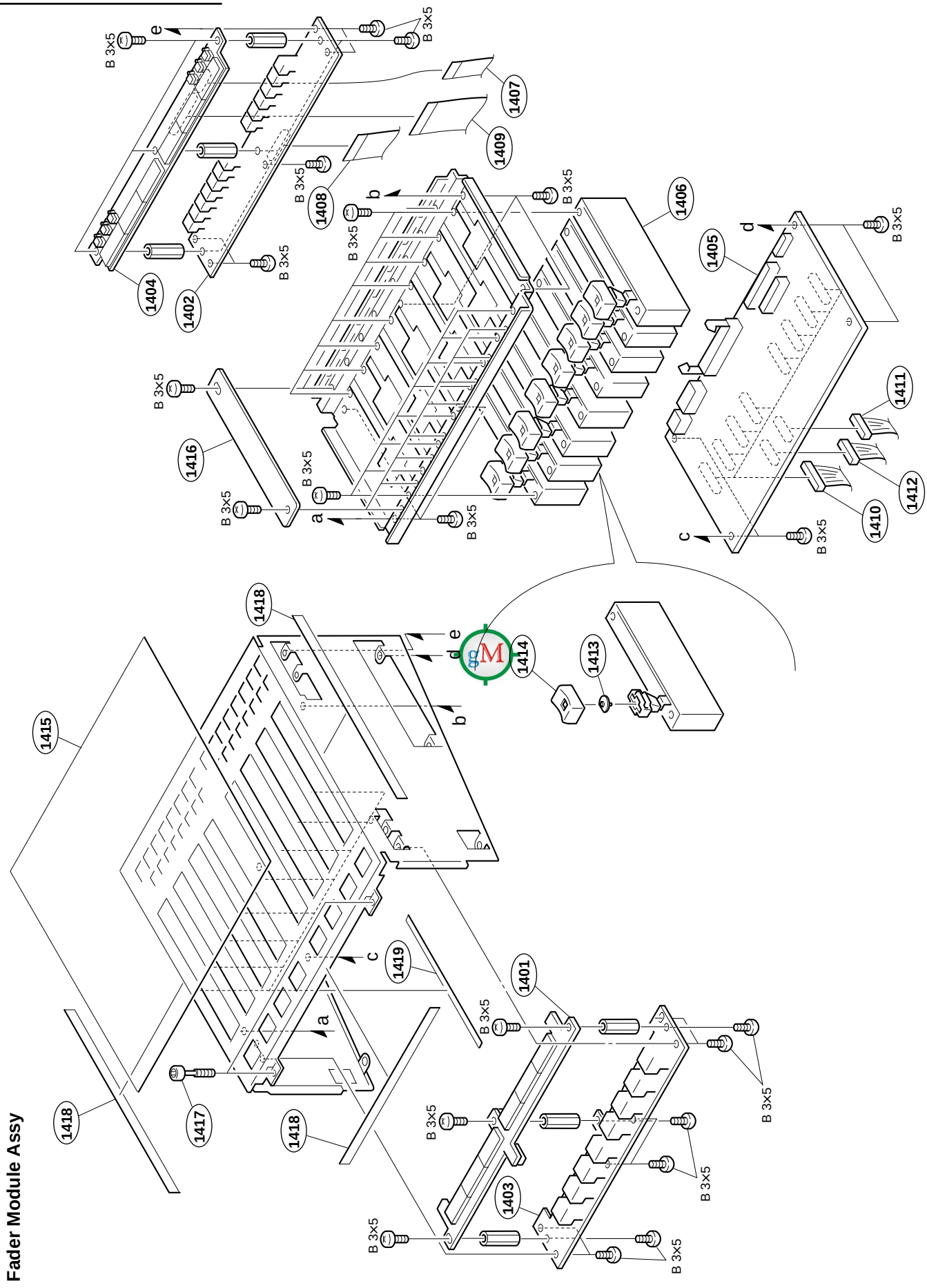
Right Bay (4)
OXF-CP3048 only

No.	Part No.	SP	Description
1201	1-589-968-11	s	X TERMINAL BOARD
1202	1-777-743-11	s	CABLE ASSY(15PDSUBX2CONNECTOR)
1203	1-779-713-11	s	CONNECTOR, COAXIAL
1204	1-782-415-11	s	CORD, CONNECTION (BNC-BNC)
1205	1-958-215-11	o	HARNESS (SERVER)
1206	3-606-647-01	o	HANDLE
1207	3-608-843-01	o	WIRE,ROPE
1208	3-609-649-01	o	HOOK
1209	8-749-013-01	s	IC TM248CBK32F-60(SIMM)



Power Supply Block

No.	Part No.	SP	Description
1301	A-8311-605-A	o	MOUNTED CIRCUIT BOARD, PSW-34
1302	A-8311-606-A	o	MOUNTED CIRCUIT BOARD, PSW-35
1303 ⚠	1-957-836-11	o	HARNESS, SUB (AC IN 1)
1304 ⚠	1-957-837-11	o	HARNESS, SUB (AC IN 2)
1305	1-957-838-11	o	HARNESS, SUB (GND 1)
1306	1-957-839-11	o	HARNESS, SUB (GND 2)
1307	1-957-840-11	o	HARNESS, SUB (FPDC 1)
1308	1-957-841-11	o	HARNESS, SUB (FPDC 2)
1309	1-957-842-11	o	HARNESS, SUB (FPSEN)
1310	2-254-727-01	o	HANDLE
1311	2-990-241-02	s	HOLDER (A), PLUG
1312	3-608-781-01	o	BRACKET,CN
1313	3-608-784-01	o	BRACKET,FOOK
1314	3-608-785-01	o	CHANE,FOOK
1315	3-608-786-01	o	SPACER,HANDLE
1316	3-608-787-01	o	HEAT SINK(1)
1317	3-608-788-01	o	HEAT SINK(2)
1318	3-608-789-01	o	HEAT SINK(3)
1319	3-608-790-01	o	HEAT SINK(4)
1320	3-608-792-03	o	CHASSI,COVER
1321	3-679-628-00	o	LABEL, AC


Fader Module Assy
1401
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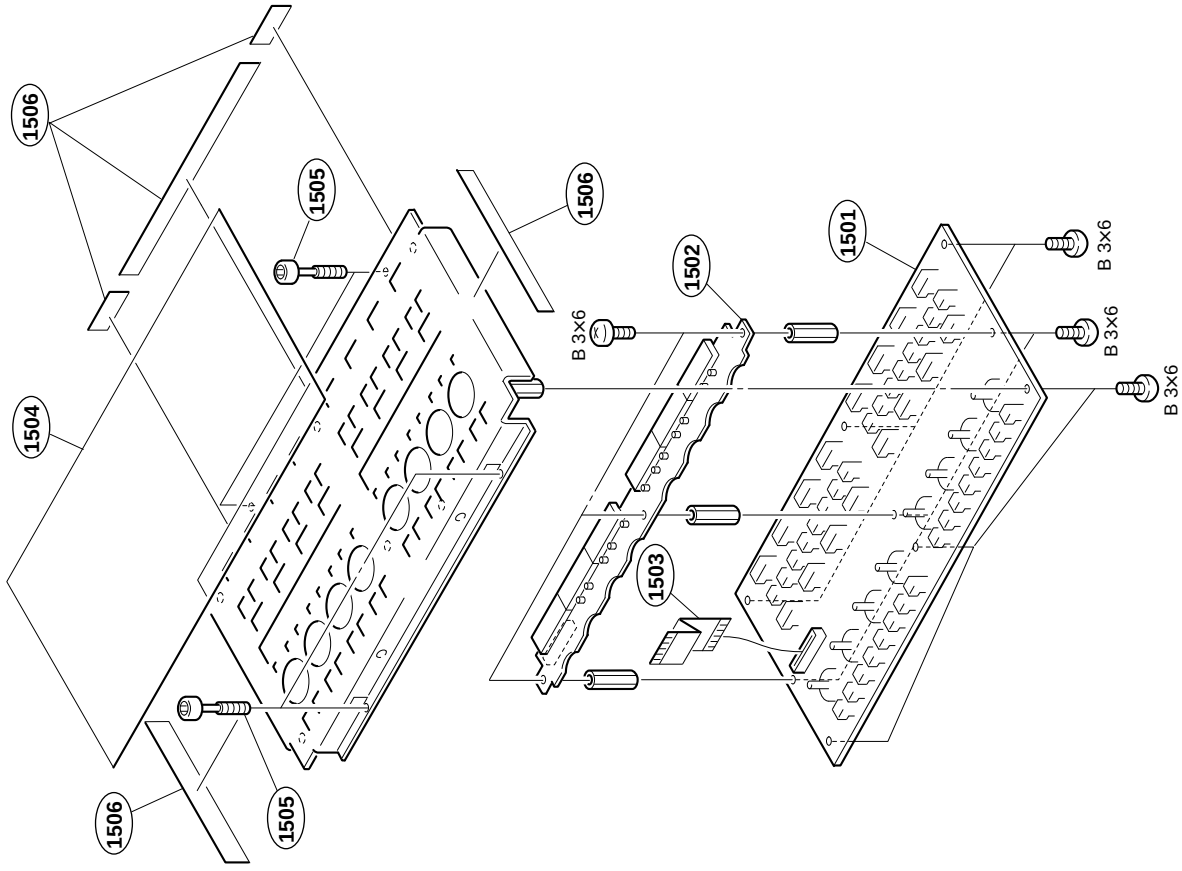
a
b
c
d
e

No.	Part No.	SP	Description
1401	A-8311-577-A	o	MOUNTED CIRCUIT BOARD, DP-220
1402	A-8311-578-A	o	MOUNTED CIRCUIT BOARD, SW-759
1403	A-8311-579-A	o	MOUNTED CIRCUIT BOARD, SW-758
1404	A-8311-580-A	o	MOUNTED CIRCUIT BOARD, DP-221
1405	A-8311-584-A	o	MOUNTED CIRCUIT BOARD, IF-528
1406	A-8313-340-A	o	FADER ASSY
1407	1-782-179-11	o	WIRE (FLAT CABLE) (10 CORE)
1408	1-782-182-11	o	WIRE (FLAT CABLE) (30 CORE)
1409	1-782-183-11	o	WIRE (DLAT CABLE) (34 CORE)
1410	1-957-287-11	o	HARNESS, SUB (FDR)
1411	1-957-288-11	o	HARNESS, SUB (FD-CHR)
1412	1-957-289-11	o	HARNESS, SUB (FD-SW)
1413	3-606-579-01	s	FADER SWITCH BUTTON
1414	3-606-580-02	s	FADER KNOB 25X15
1415	3-606-614-02	o	PLATE,FDR ORNMAENTAL
1416	3-606-616-01	o	PLATE,FDR BLIND
1417	3-606-668-01	s	SCREW,FITTING
1418	3-608-420-01	o	FOARMD,SHIELD
1419	3-611-309-01	o	SHEET

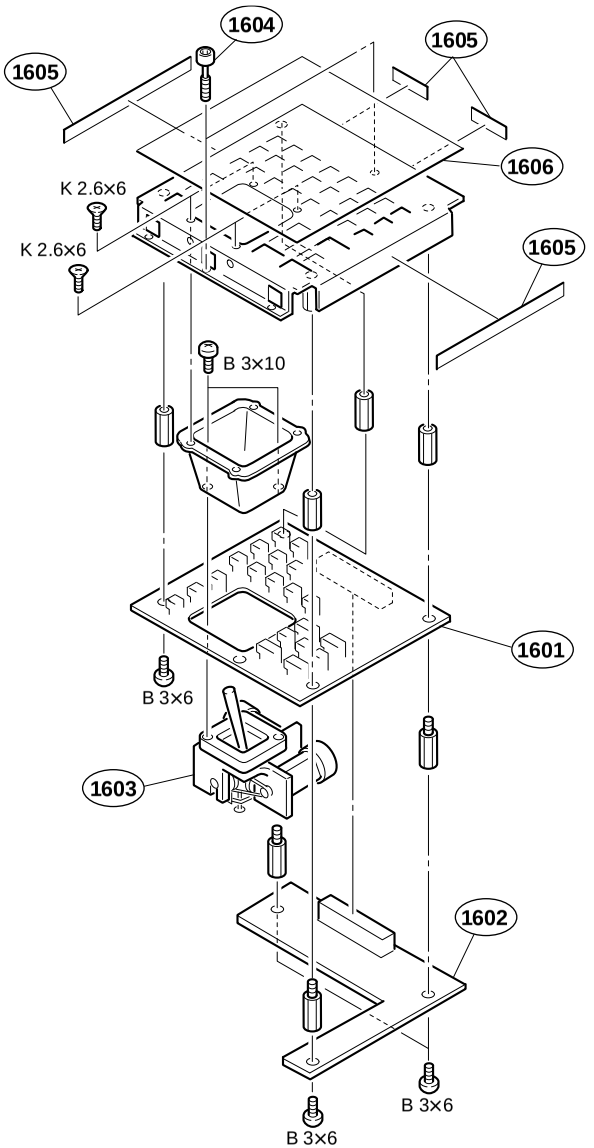


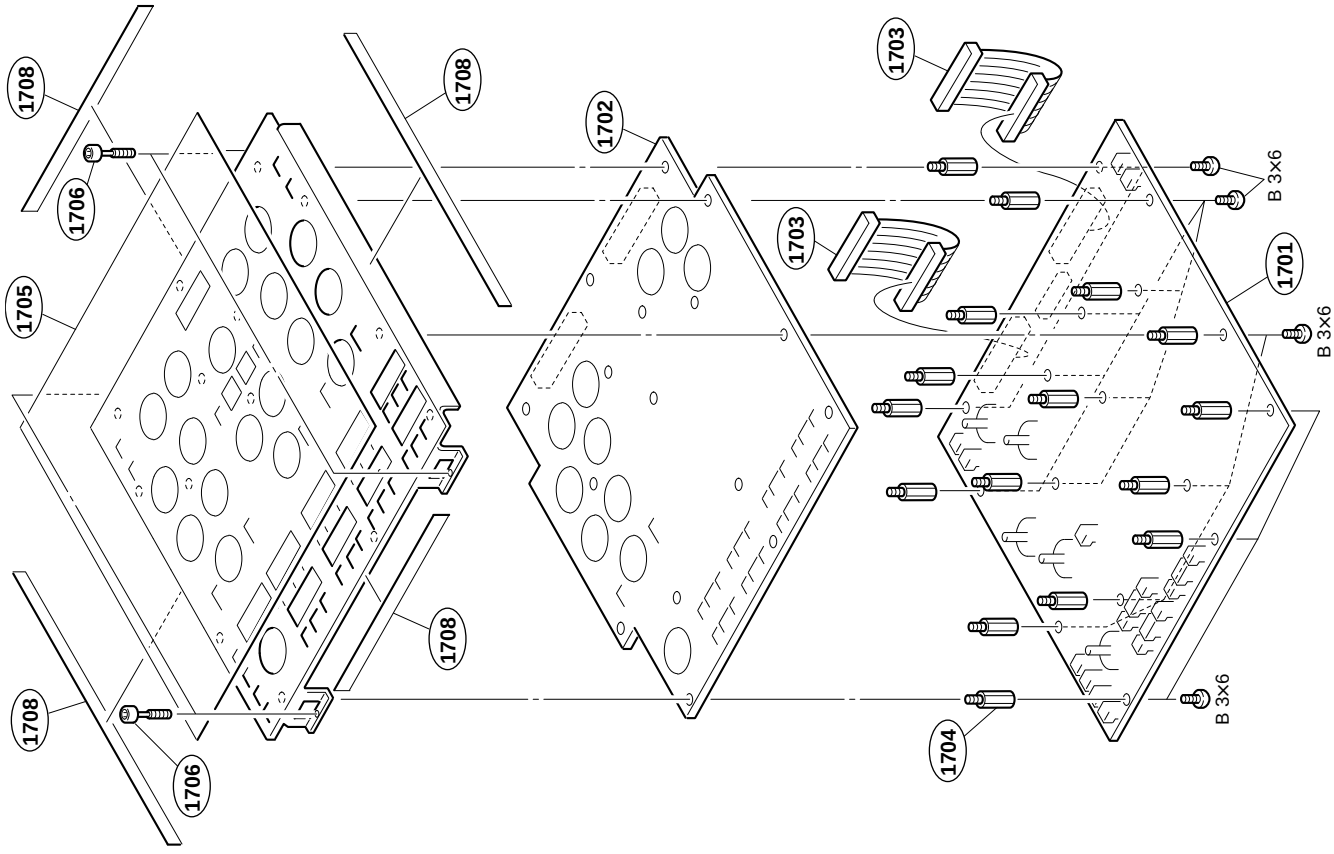
PAN Module Assy

No.	Part No.	SP	Description
1501	A-8311-582-A	o	MOUNTED CIRCUIT BOARD, SW-761
1502	A-8311-592-A	o	MOUNTED CIRCUIT BOARD, DP-222
1503	1-782-181-11	o	WIRE (FLAT CABLE) (26 CORE)
1504	3-606-630-02	o	PLATE,PAN ORNAMENTAL
1505	3-606-668-01	s	SCREW,FITTING
1506	3-608-420-01	o	FOARMD,SHIELD

SEL PAN-MF Module Assy

No.	Part No.	SP	Description
1601	A-8318-288-A	o	MOUNTED CIRCUIT BOARD, SW-985
1602	A-8318-290-A	o	MOUNTED CIRCUIT BOARD, IF-725
1603	1-251-758-11	s	JOY STICK
1604	3-606-668-01	s	SCREW,FITTING
1605	3-608-420-01	o	FOARMD,SHIELD
1606	3-613-305-01	o	PLATE,PAN SEL (MF) ORNAMENTAL





IN/EQ Module Assy

No.	Part No.	SP	Description
1701	A-8311-573-A	o	MOUNTED CIRCUIT BOARD, SW-765
1702	A-8311-574-A	o	MOUNTED CIRCUIT BOARD, DP-224
1703	1-957-285-11	o	HARNESS, SUB (EQ/MON)
1704	2-118-848-01	o	TUBE
1705	3-606-625-02	o	PLATE, IN/EQ ORNAMENTAL
1706	3-606-668-01	s	SCREW, FITTING
1707	3-608-420-01	o	FOARMD, SHIELD

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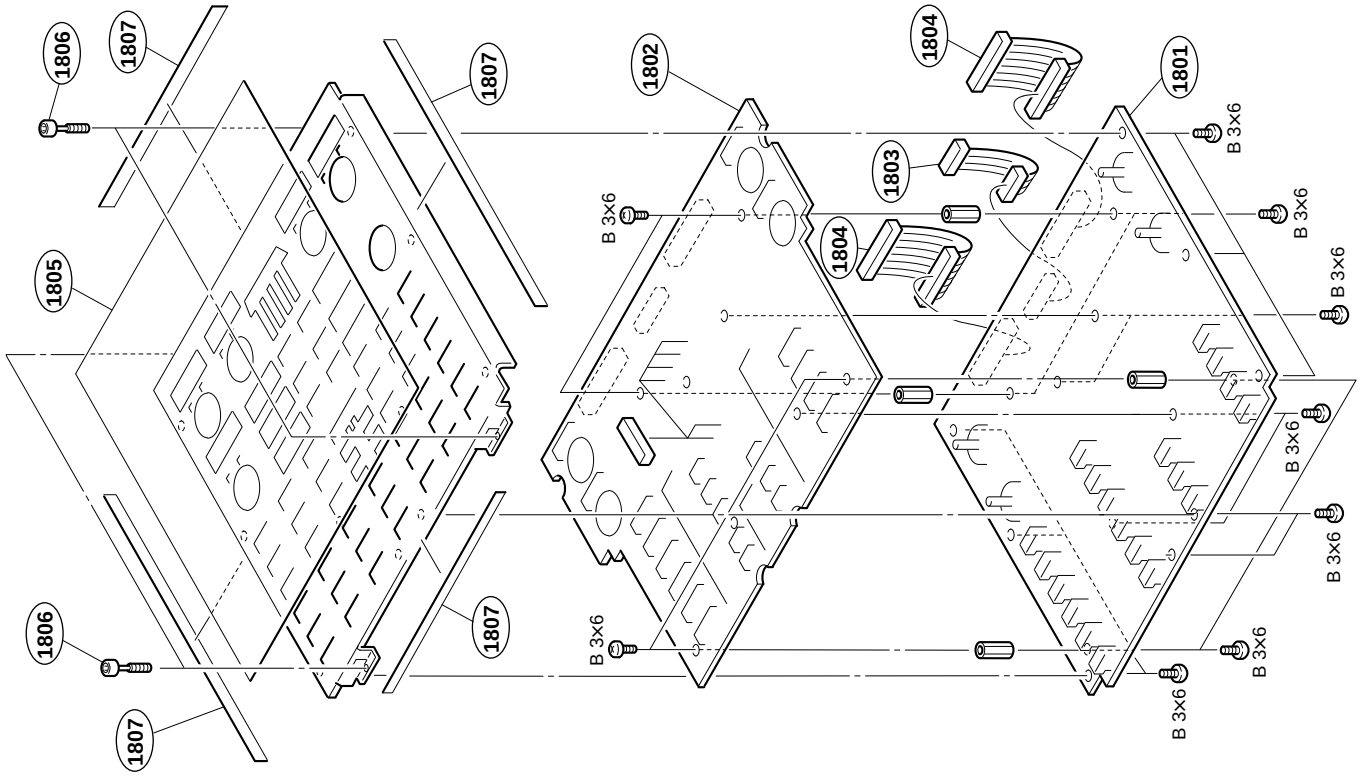
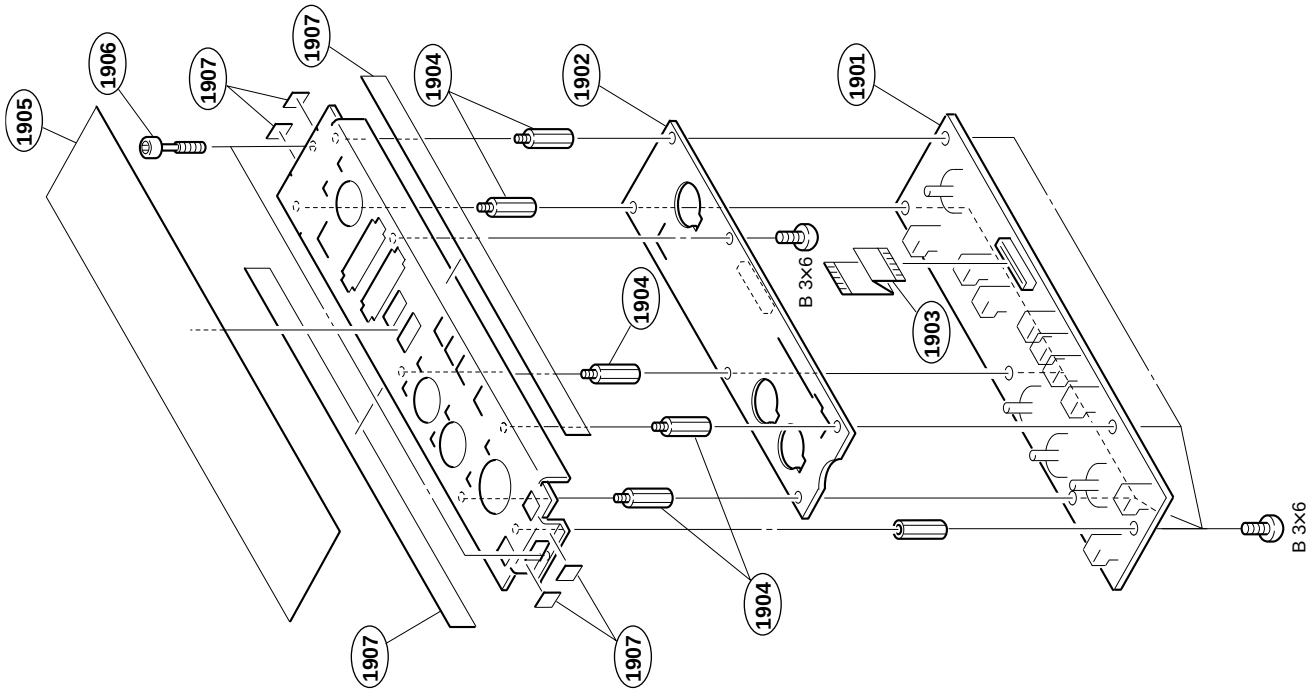


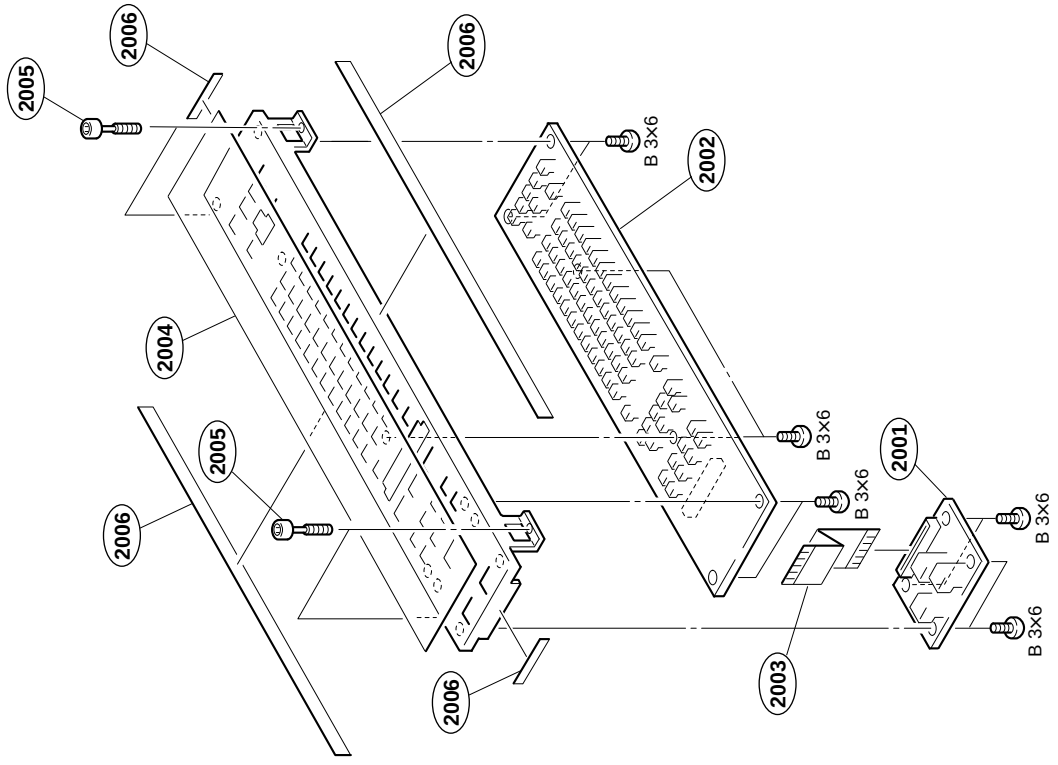
FA/DYNA Module Assy

No.	Part No.	SP	Description
1801	A-8311-575-A	o	MOUNTED CIRCUIT BOARD, SW-766
1802	A-8311-576-A	o	MOUNTED CIRCUIT BOARD, DP-225
1803	1-957-266-11	o	HARNESS, SUB (DYNAPWR)
1804	1-957-286-11	o	HARNESS, SUB (DYNA)
1805	3-606-633-02	o	PLATE,FA/DYNA ORNAMENTAL
1806	3-606-668-01	s	SCREW,FITTING
1807	3-608-420-01	o	FOARMD,SHIELD



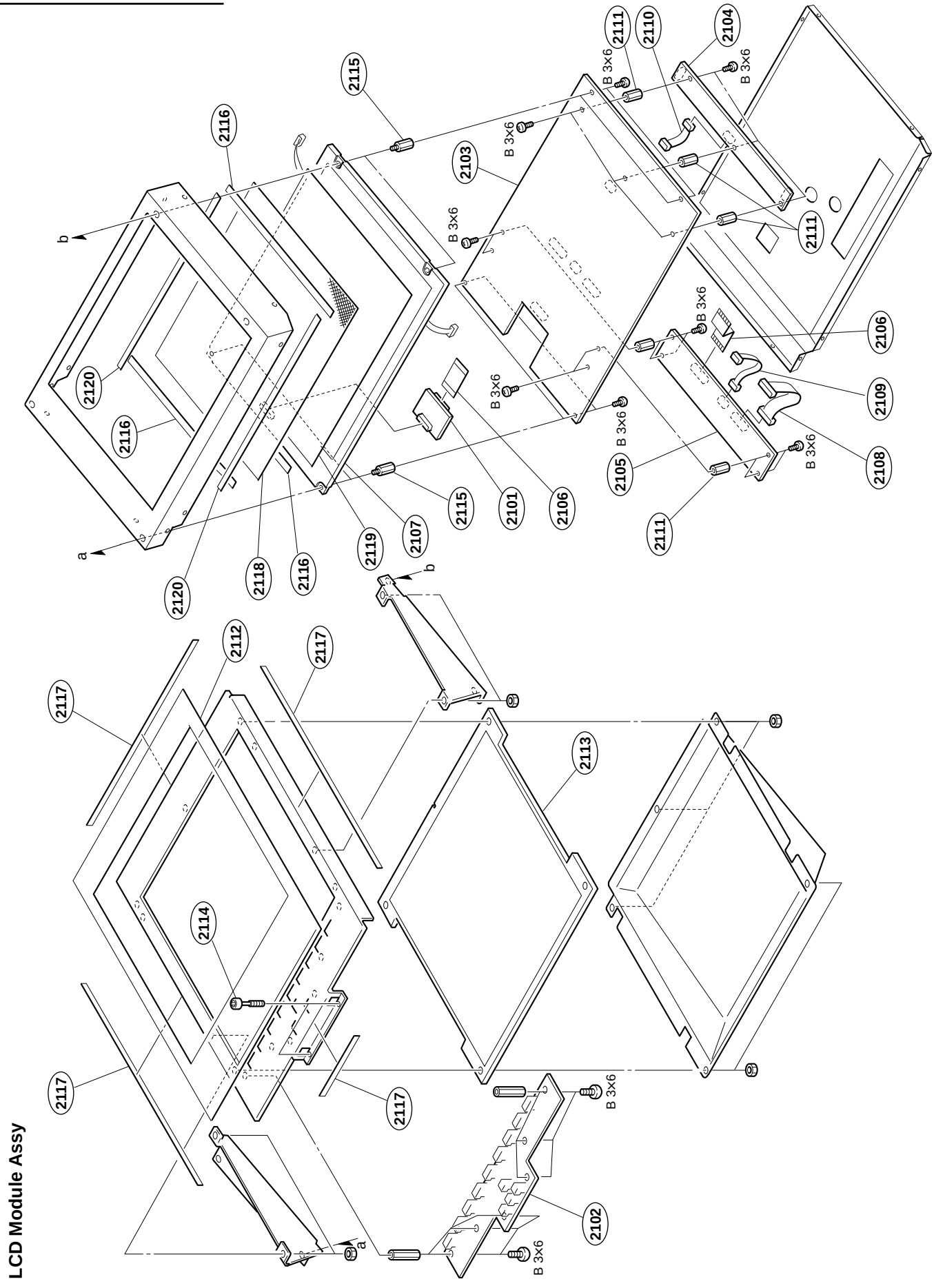
MULTI Module Assy

No.	Part No.	SP	Description
1901	A-8311-567-A	o	MOUNTED CIRCUIT BOARD, SW-767
1902	A-8311-568-A	o	MOUNTED CIRCUIT BOARD, DP-226
1903	1-782-181-11	o	WIRE (FLAT CABLE) (26 CORE)
1904	2-118-848-01	o	TUBE
1905	3-606-627-02	o	PLATE,MULTI ORNAMENTAL
1906	3-606-668-01	s	SCREW,FITTING
1907	3-608-420-01	o	FOARMD,SHIELD



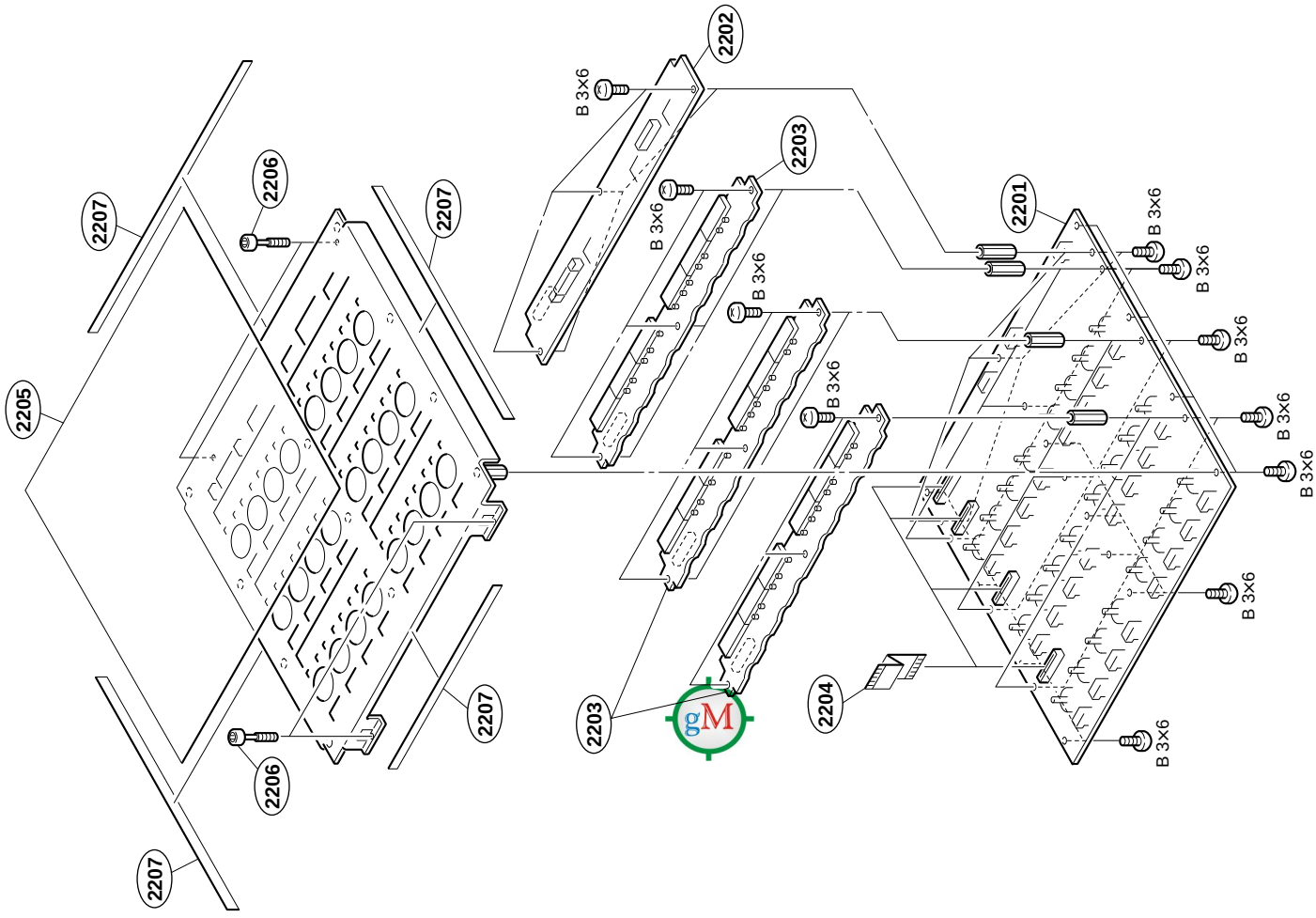
ROUT Module Assy

No.	Part No.	SP	Description
2001	A-8311-569-A	o	MOUNTED CIRCUIT BOARD, SW-768
2002	A-8311-570-A	o	MOUNTED CIRCUIT BOARD, SW-769
2003	1-782-181-11	o	WIRE (FLAT CABLE) (26 CORE)
2004	3-606-620-02	o	PLATE,ROUT ORNAMENTAL
2005	3-606-668-01	s	SCREW,FITTING
2006	3-608-420-01	o	FOARMD,SHIELD



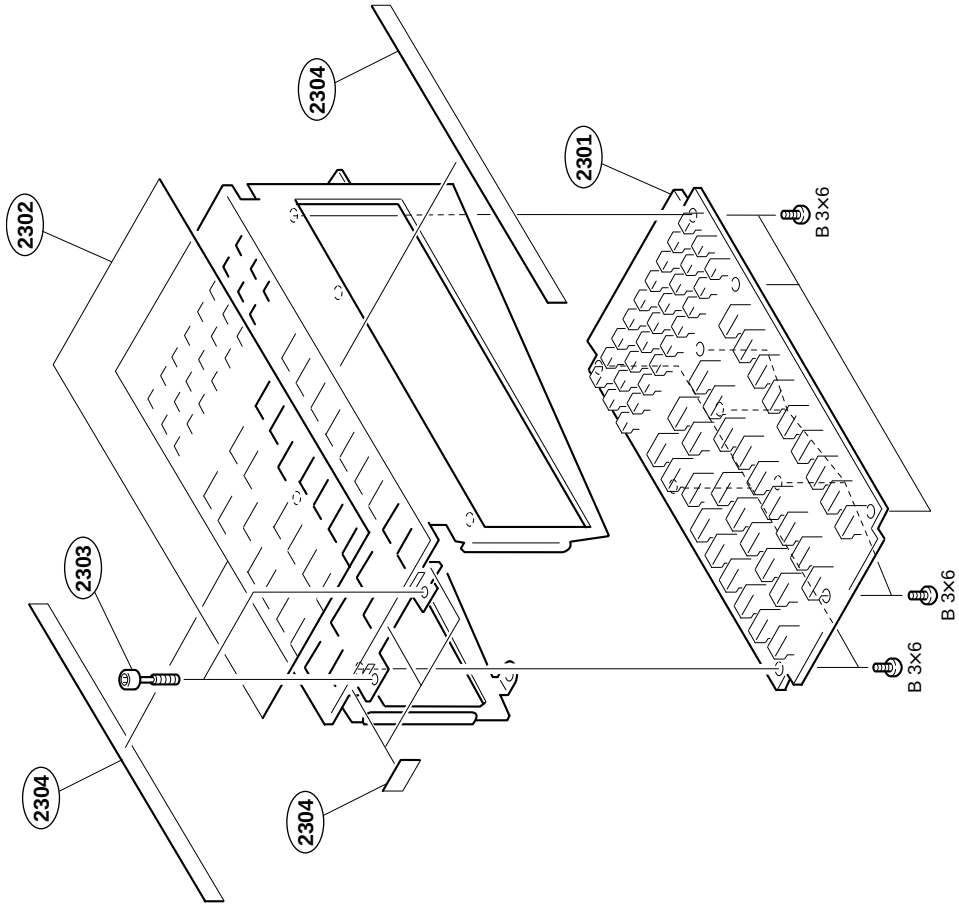
LCD Module Assy

No.	Part No.	SP	Descripion
2101	A-8311-476-A	o	MOUNTED CIRCUIT BOARD, CN-1236
2102	A-8311-586-A	o	MOUNTED CIRCUIT BOARD, SW-771
2103	A-8311-608-A	o	MOUNTED CIRCUIT BOARD, IF-536
2104	1-475-149-11	s	INVERTER UNIT, DC-AC
2105	1-475-150-11	s	PC BOARD UNIT, VGA INTERFACE
2106	1-782-266-11	o	CABLE, FLEXIBLE FLAT (40 CORE)
2107	1-801-741-12	s	MODULE (LQ10D345), TFT-LCD
2108	1-957-236-11	o	HARNESS, SUB (LCD1)
2109	1-957-237-11	o	HARNESS, SUB (LCD2)
2110	1-957-238-11	o	HARNESS, SUB (LCD3)
2111	2-280-622-21	o	SUPPORT(3X110), HEXAGON
2112	3-606-636-02	o	PLATE,LCD SCREEN ORNAMENTAL
2113	3-606-637-01	o	COVER,LCD SCREEN
2114	3-606-668-01	s	SCREW,FITTING
2115	3-608-289-01	o	SPACER(M3X10)
2116	3-608-297-01	o	SHEET,LIGHT INTERCEPTION
2117	3-608-420-01	o	FOARMD,SHIELD
2118	3-608-763-02	o	CONDUCTIVE MESH
2119	3-608-764-02	o	B.E.FILM
2120	3-608-805-01	o	SHEET 2,LIGHT INTERCEPTION



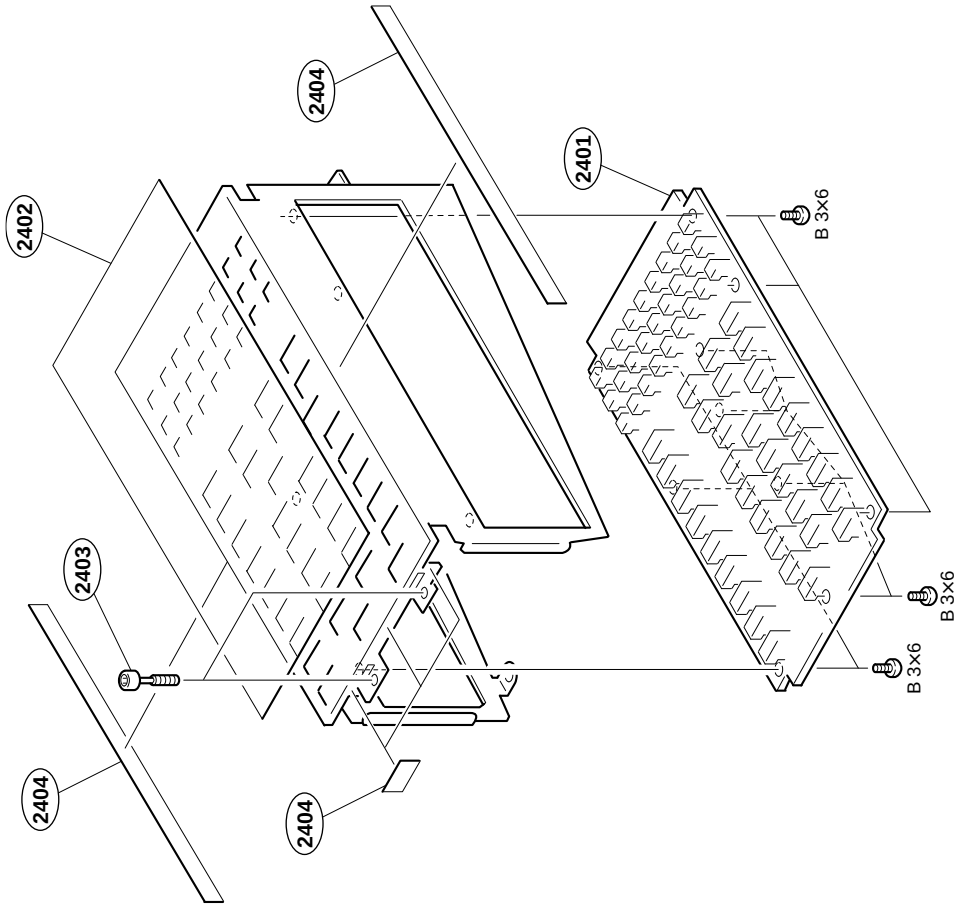
SEND KNOB Module Assy

No.	Part No.	SP	Description
2201	A-8311-571-A	o	MOUNTED CIRCUIT BOARD, SW-773
2202	A-8311-572-A	o	MOUNTED CIRCUIT BOARD, DP-228
2203	A-8311-592-A	o	MOUNTED CIRCUIT BOARD, DP-222
2204	1-782-181-11	o	WIRE (FLAT CABLE) (26 CORE)
2205	3-606-617-02	o	PLATE,SEND KN ORNAMENTAL
2206	3-606-668-01	s	SCREW,FITTING
2207	3-608-420-01	o	FOARMD,SHIELD



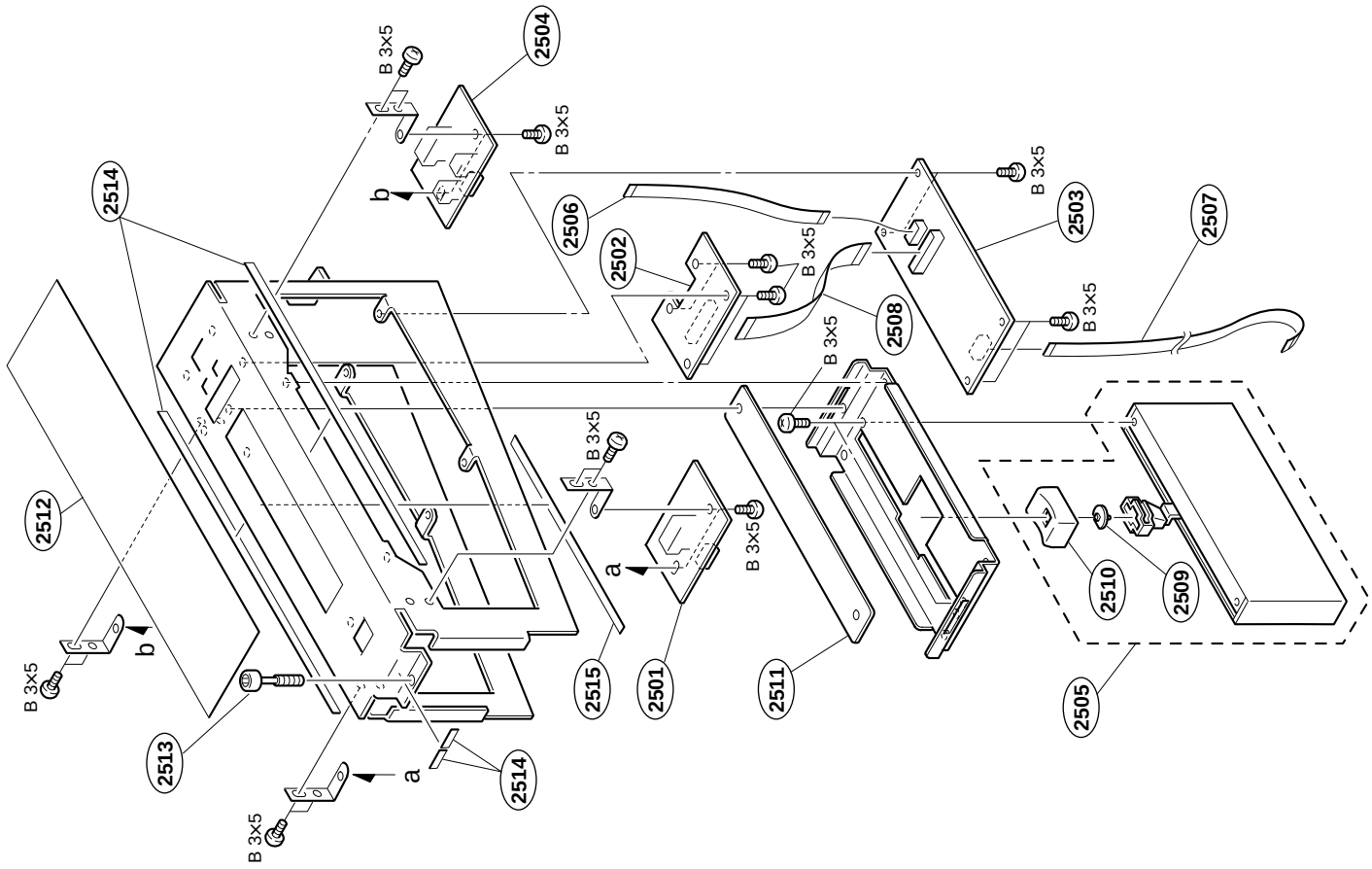
FADER SEL-L Module Assy

No.	Part No.	SP	Description
2301	A-8311-595-A	o	MOUNTED CIRCUIT BOARD, SW-760
2302	3-606-622-02	o	PLATE,ORNAMENTAL
2303	3-606-668-01	s	SCREW,FITTING
2304	3-608-420-01	o	FOARMD,SHIELD



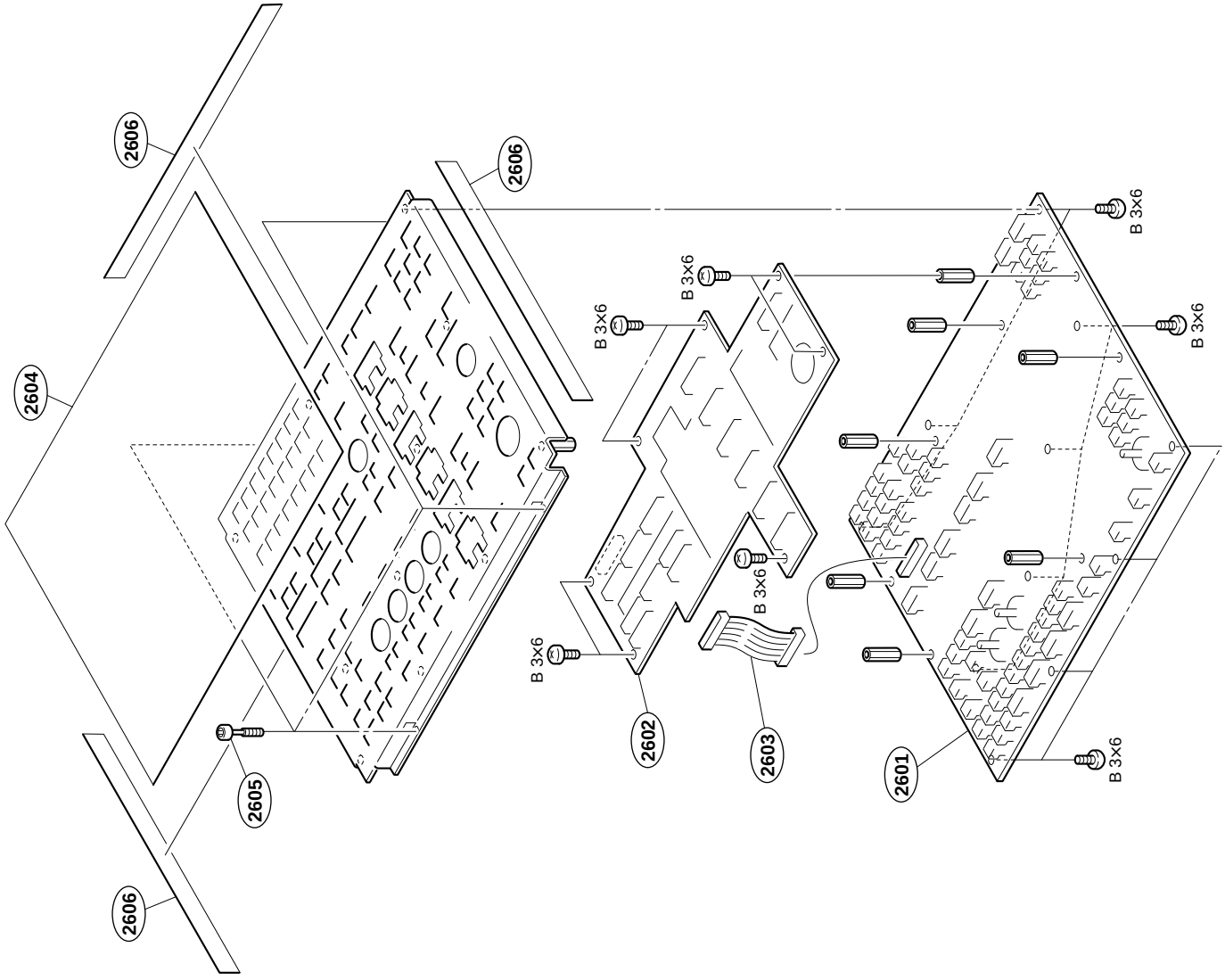
FADER SEL-R Module Assy

No.	Part No.	SP	Description
2401	A-8311-585-A	o	MOUNTED CIRCUIT BOARD, SW-787
2402	3-606-624-02	o	PLATE,ORNAMENTAL
2403	3-606-668-01	s	SCREW,FITTING
2404	3-608-420-01	o	FOARMD,SHIELD



Master Fader Module Assy

No.	Part No.	SP	Description
2501	A-8311-588-A	O	MOUNTED CIRCUIT BOARD, SW-774A
2502	A-8311-589-A	O	MOUNTED CIRCUIT BOARD, DP-229
2503	A-8311-602-A	O	MOUNTED CIRCUIT BOARD, IF-535
2504	A-8312-470-A	O	MOUNTED CIRCUIT BOARD, SW-774B
2505	A-8313-340-A	O	FADER ASSY
2506	1-782-177-11	O	WIRE (FLAT CABLE) (4 CORE)
2507	1-782-178-11	O	WIRE (FLAT CABLE) (4 CORE)
2508	1-782-180-11	O	WIRE (FLAT CABLE) (16 CORE)
2509	3-606-579-01	S	FADER SWITCH BUTTON
2510	3-606-580-02	S	FADER KNOB 25X15
2511	3-606-616-01	O	PLATE,FDR BLIND
2512	3-606-632-02	O	PLATE,MAS FDR ORNAMENTAL
2513	3-606-668-01	S	SCREW,FITTING
2514	3-608-420-01	O	FOARMD,SHIELD
2515	3-611-309-01	O	SHEET

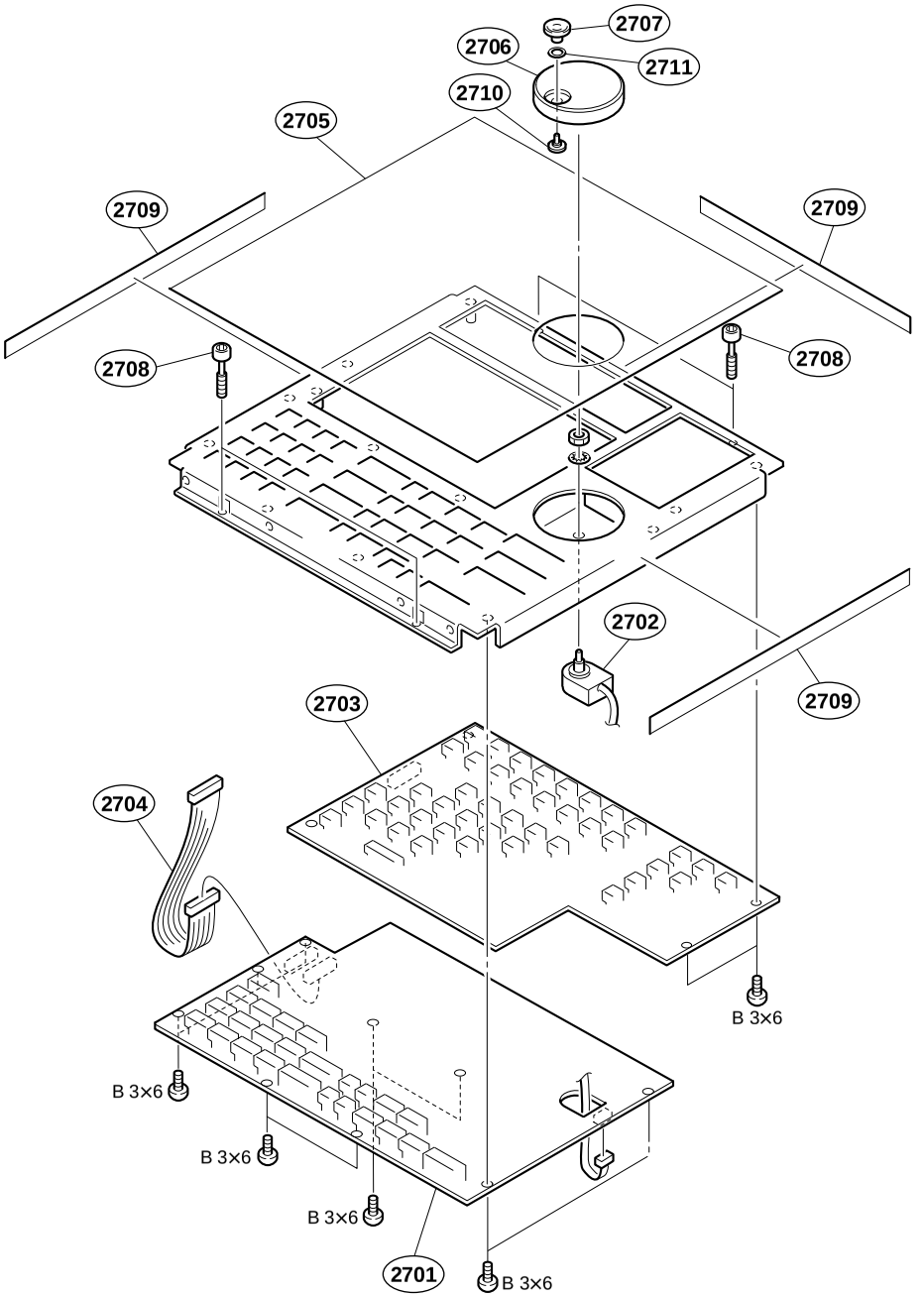


MONI Module Assy

No.	Part No.	SP	Description
2601	A-8311-597-A	o	MOUNTED CIRCUIT BOARD, SW-775
2602	A-8311-598-A	o	MOUNTED CIRCUIT BOARD, DP-230
2603	1-957-285-11	o	HARNESS, SUB (EQ/MON)
2604	3-606-618-02	o	PLATE, MONI ORNAMENTAL
2605	3-606-668-01	s	SCREW, FITTING
2606	3-608-420-01	o	FOARMD, SHIELD

CTL KB Module Assy

No.	Part No.	SP	Description
2701	A-8311-600-A	o	MOUNTED CIRCUIT BOARD, SW-776
2702	1-466-955-11	s	ENCODER, ROTARY
2703	1-759-488-11	o	KEY BOARD UNIT
2704	1-957-292-11	o	HARNESS, SUB (CTLKB)
2705	3-606-628-02	o	PLATE,CONT KEY ORNAMENTAL
2706	3-606-658-01	o	DIAL,JOG
2707	3-606-659-01	o	KNOB,JOG
2708	3-606-668-01	s	SCREW,FITTING
2709	3-608-420-01	o	FOARMD,SHIELD
2710	3-668-009-03	o	PIN, PUSH BUTTON
2711	3-701-439-11	s	WASHER



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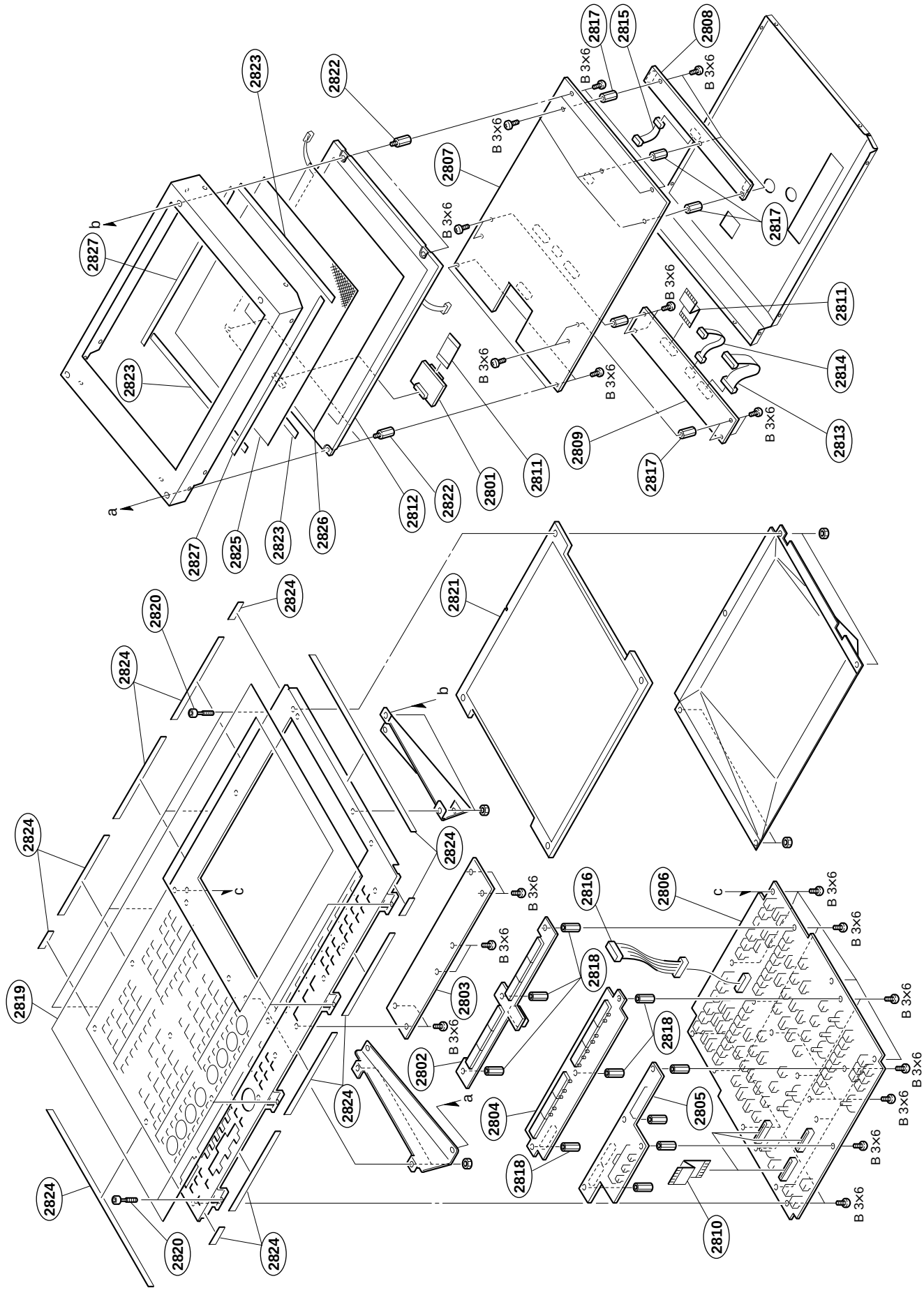
ST/SEND/LCD-2 Module Assy
2827
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2801
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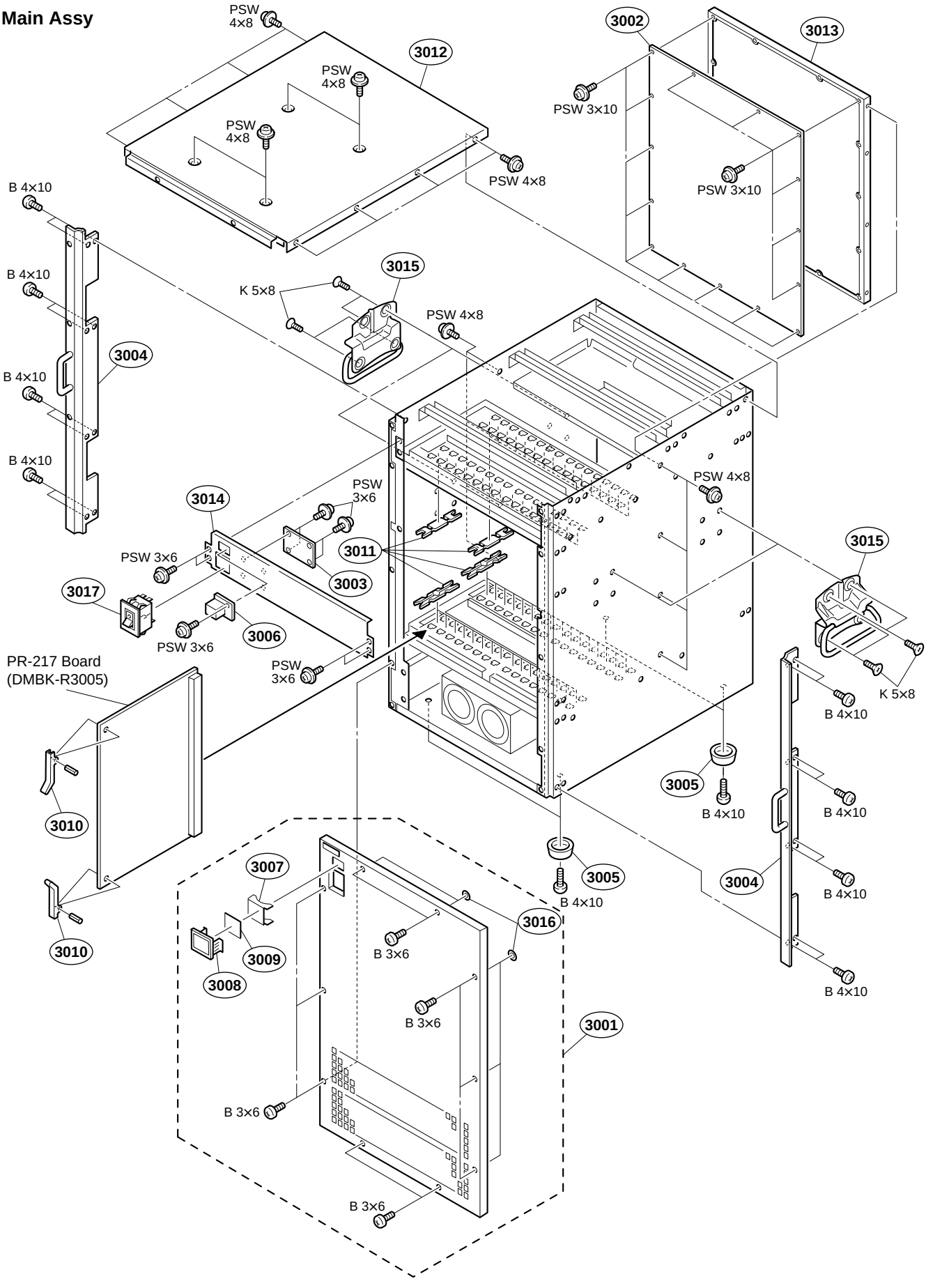
2805
2810
B 3x6
a
b
c

No.	Part No.	SP	Description
2801	A-8311-476-A	o	MOUNTED CIRCUIT BOARD, CN-1236
2802	A-8311-577-A	o	MOUNTED CIRCUIT BOARD, DP-220
2803	A-8311-587-A	o	MOUNTED CIRCUIT BOARD, SW-788
2804	A-8311-592-A	o	MOUNTED CIRCUIT BOARD, DP-222
2805	A-8311-599-A	o	MOUNTED CIRCUIT BOARD, DP-247
2806	A-8311-601-A	o	MOUNTED CIRCUIT BOARD, SW-777
2807	A-8311-608-A	o	MOUNTED CIRCUIT BOARD, IF-536
2808	1-475-149-11	s	INVERTER UNIT, DC-AC (FOR OXF-CP3048 S/N:20001 to 20005)*
	1-475-529-11	s	INVERTER UNIT, DC-AC (FOR OXF-CP3048 S/N:20006 and higher)*
2809	1-475-150-11	s	PC BOARD UNIT, VGA INTERFACE
2810	1-782-181-11	o	WIRE (FLAT CABLE) (26 CORE)
2811	1-782-266-11	o	CABLE, FLEXIBLE FLAT (40 CORE)
2812	1-801-741-11	s	MODULE (LQ10D345), TFT-LCD (FOR OXF-CP3048 S/N:20001 to 20005)*
	1-801-741-12	s	MODULE (LQ10D41), TFT-LCD (FOR OXF-CP3048 S/N:20006 and higher)*
2813	1-957-236-11	o	HARNESS, SUB (LCD1)
2814	1-957-237-11	o	HARNESS, SUB (LCD2)
2815	1-957-238-11	o	HARNESS, SUB (LCD3)
2816	1-957-291-11	o	HARNESS, SUB (ST/SND)
2817	2-280-622-21	o	SUPPORT (M3X10), HEXAGON
2818	2-280-622-61	o	SUPPORT (M3X20), HEXAGON
2819	3-606-638-02	o	PLATE,ST/SEND/LCD-2 ORNAMENTAL
2820	3-606-668-01	s	SCREW,FITTING
2821	3-606-718-01	o	COVER,CONT LCD
2822	3-608-289-01	o	SPACER(M3X10)
2823	3-608-297-01	o	SHEET,LIGHT INTERCEPTION
2824	3-608-420-01	o	FOARMD,SHIELD
2825	3-608-763-02	o	CONDUCTIVE MESH
2826	3-608-764-02	o	B.E.FILM
2827	3-608-805-01	o	SHEET 2,LIGHT INTERCEPTION

* See page 1-8.

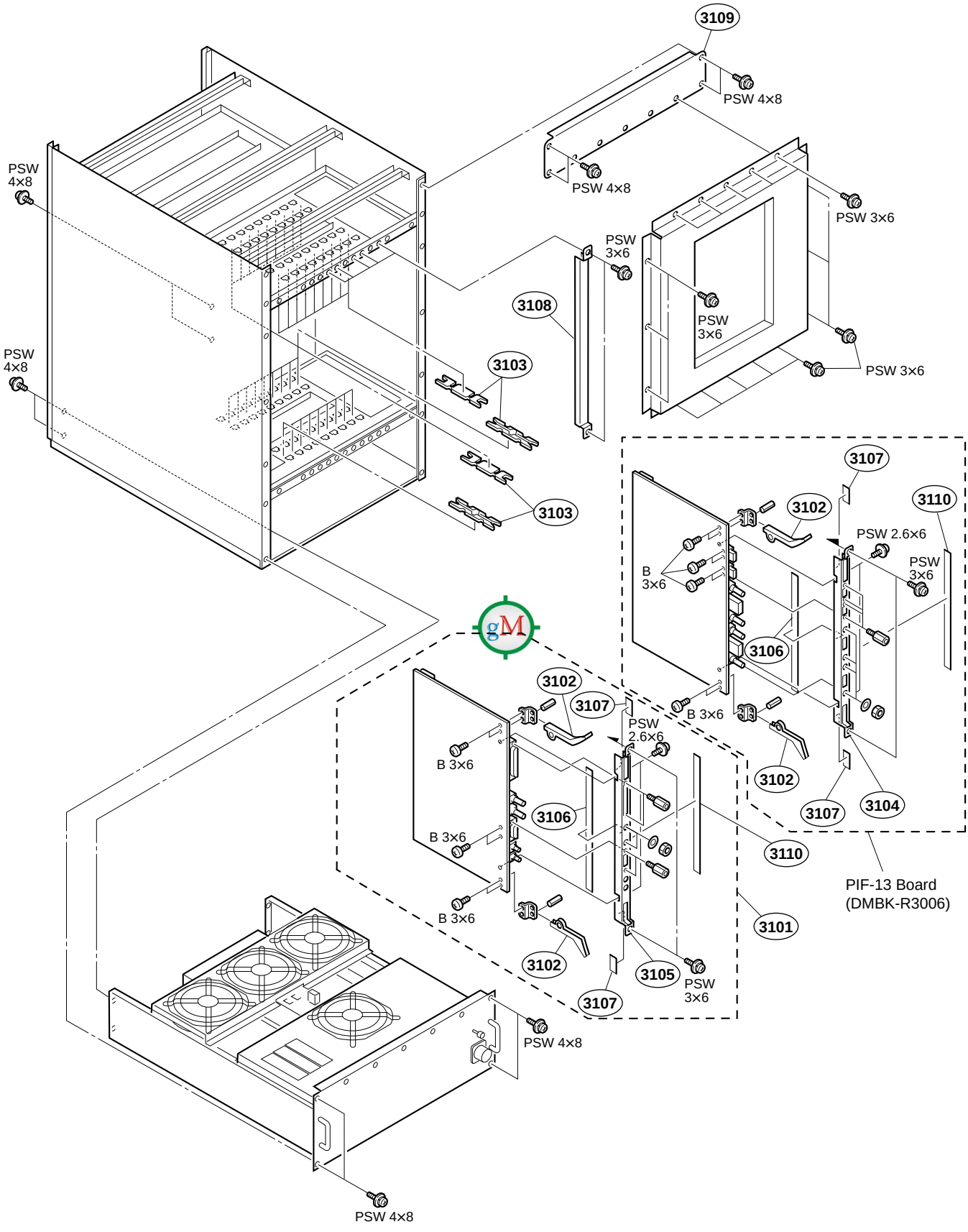
3-2-2. OXF-SP3000

Main Assy



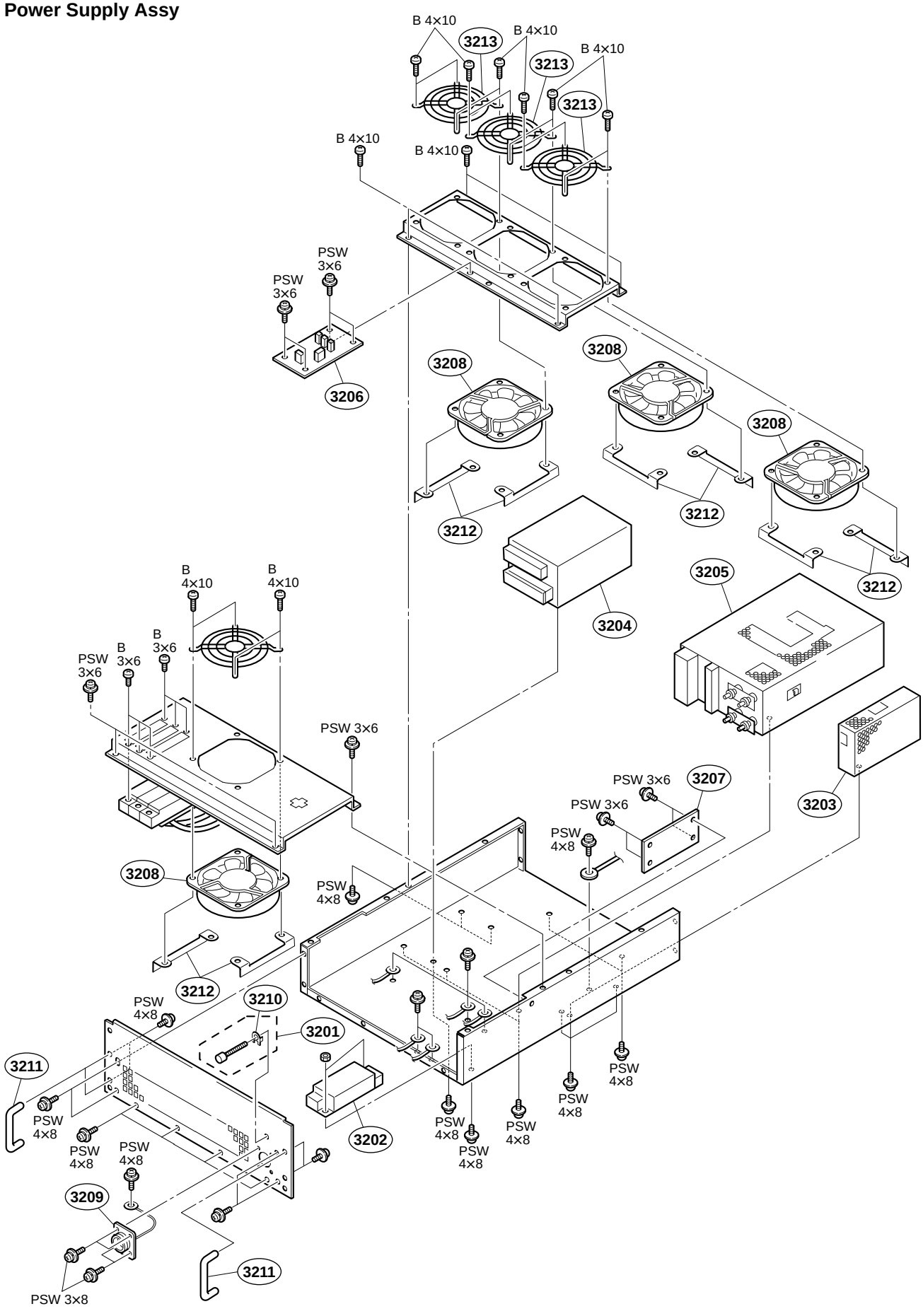
No.	Part No.	SP	Description
3001	A-8278-538-B	o	PANEL ASSY,FRONT
3002	A-8311-612-A	o	MOUNTED CIRCUIT BOARD, MB-631
3003	A-8311-745-A	o	MOUNTED CIRCUIT BOARD, CN-1446
3004	X-3679-007-1	o	ASSY,RACK ANGLE(15U)
3005	X-4918-919-1	s	LEG ASSY
3006	1-636-210-11	o	PRINTED CIRCUIT BOARD, DP-131
3007	2-139-192-01	s	FRAME, INDICATOR WINDOW
3008	2-139-193-02	s	WINDOW, INDICATOR
3009	2-249-353-00	s	COVER, LAMP
3010	3-166-184-01	o	LEVER, PC BOARD
3011	3-174-468-01	o	RAIL (60), PC BOARD GUIDE
3012	3-606-736-01	o	PANEL,TOP
3013	3-606-737-02	o	MO MOUNT
3014	3-606-766-01	o	PANEL,AC CHASSIS
3015	3-606-779-01	o	HANDLE
3016	3-669-596-00	s	WASHER (2.3), STOPPER
3017 ⚠	1-533-834-11	s	BREAKER

Rear Panel


3109
PSW 4×8
PSW 4×8
PSW 4×8
PSW 3×6
PSW 3×6
3108
PSW 3×6
PSW 3×6
PSW 4×8
3103
3103
3107
3102
3110
PSW 2.6×6
B 3×6
PSW 3×6
3106
3102
3107
B 3×6
PSW 2.6×6
B 3×6
3102
3107
3104
3106
B 3×6
3110
B 3×6
PIF-13 Board
(DMBK-R3006)
3101
3102
3105
PSW 3×6
3107
PSW 4×8
PSW 4×8

No.	Part No.	SP	Description
3101	A-8311-610-A	o	MOUNTED CIRCUIT BOARD, BF-53
3102	3-166-184-01	o	LEVER, PC BOARD
3103	3-174-468-01	o	RAIL (60), PC BOARD GUIDE
3104	3-606-707-01	o	PANEL, PIF-13 BOARD
3105	3-606-767-01	o	PANEL,BF-53 BOARD
3106	3-606-769-01	o	SHEET,INSULATING(LARGE)
3107	3-606-770-01	o	SHEET,INSULATING(SMALL)
3108	3-606-778-01	o	PANEL,BLANK PC BOARD
3109	3-606-780-01	o	PANEL,REAR(BLANK)
3110	3-611-613-01	o	SHEET

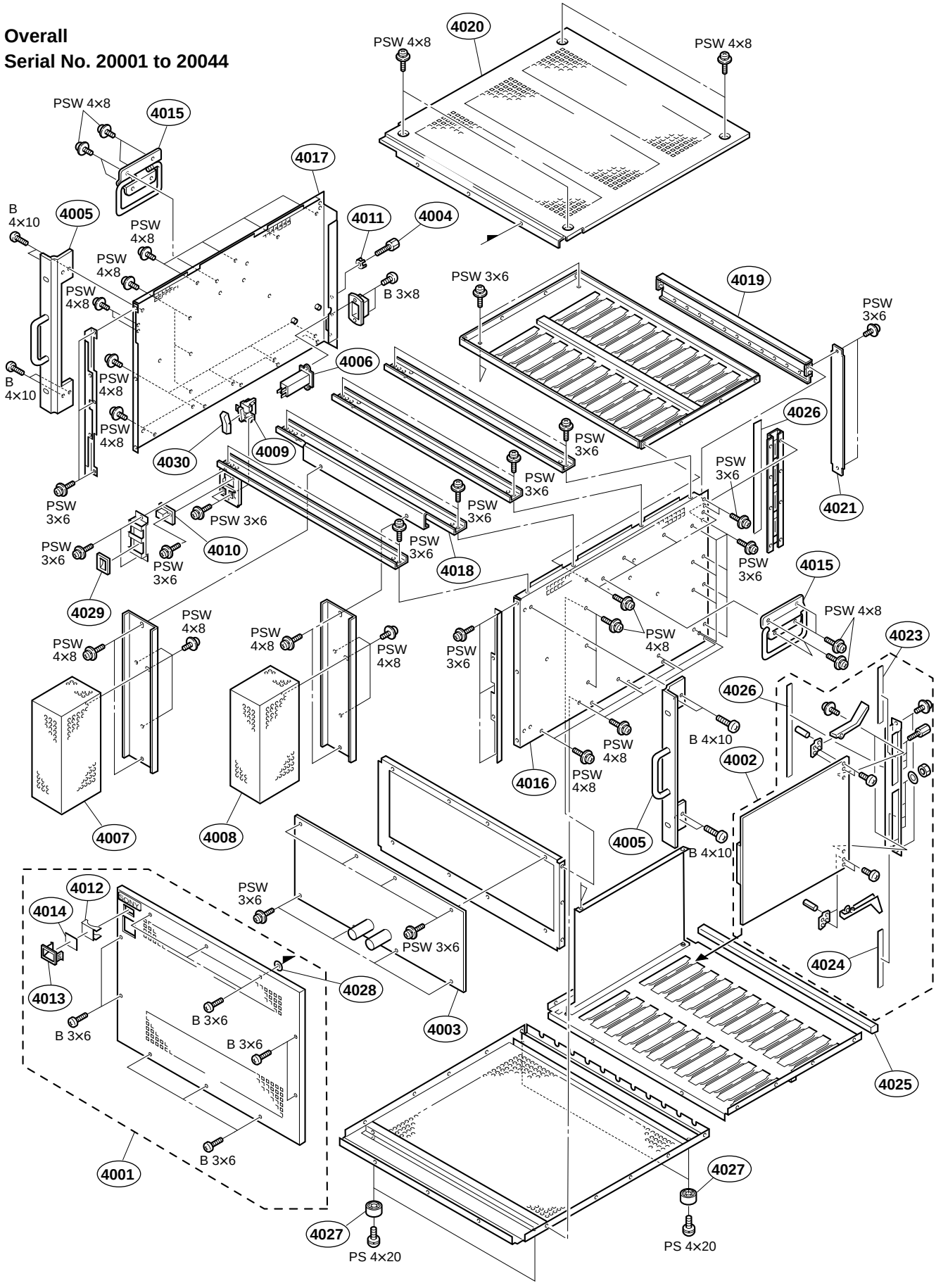
Power Supply Assy



No.	Part No.	SP	Description
3201	X-2068-004-0	s	TERMINAL ASSY
3202	1-239-366-11	s	FILTER, NOISE (MXB-1220-33)
3203 ⚠	1-413-581-11	s	REGULATOR, SWITCHING (EWS50-12)
3204 ⚠	1-468-241-11	o	REGULATOR, SWITCHING (EWS300-5)
3205 ⚠	1-468-242-11	o	REGULATOR, SWITCHING (EWS1500-3.3)
3206	1-663-099-11	o	PRINTED CIRCUIT BOARD, CN-1445
3207	1-664-318-11	o	PRINTED CIRCUIT BOARD, CN-1493
3208	1-698-009-11	s	MOTOR, DC FAN
3209 ⚠	1-774-050-11	s	CONNECTOR, ROUND TYPE 3P
3210	2-068-008-00	o	WASHER
3211	2-270-616-00	o	HANDLE
3212	3-180-415-01	o	PLATE, NUT
3213	3-691-481-01	o	GUARD, FINGER

3-2-3. OXF-IO3000

Overall
Serial No. 20001 to 20044



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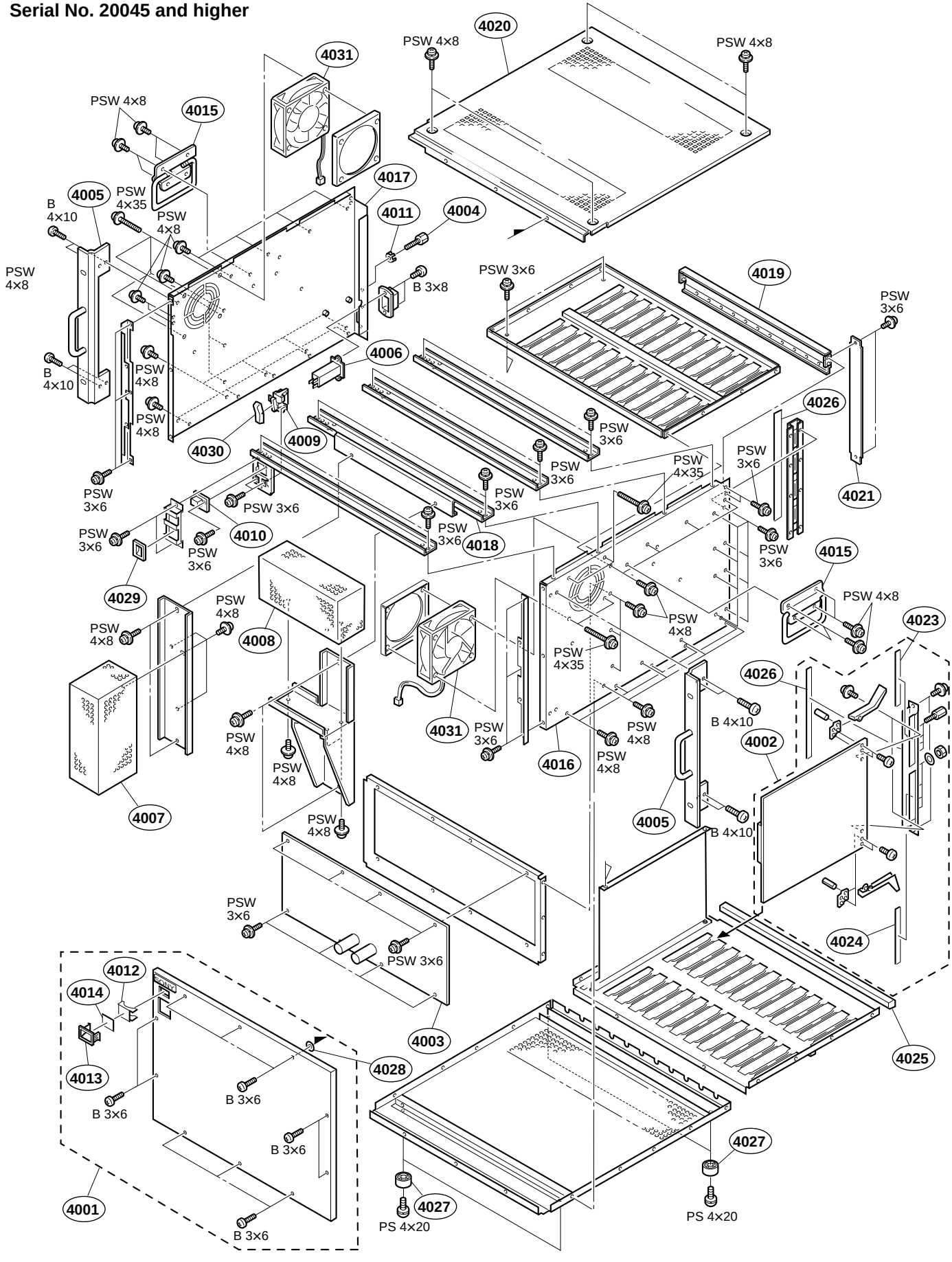
No.	Part No.	SP	Description
4001	A-8278-537-C	o	PANEL ASSY,FRONT
4002	A-8311-562-A	o	MOUNTED CIRCUIT BOARD, PIF-14
4003	A-8311-742-A	o	MOUNTED CIRCUIT BOARD, MB-633
4004	X-2068-004-0	s	TERMINAL ASSY
4005	X-3165-217-1	o	ANGLE ASSY, RACK
4006 ⚠	1-251-148-11	s	INLET, AC (WITH FILLTER)
4007 ⚠	1-413-922-11	s	REGULATOR, SWITCHING (EWS150-5)
4008 ⚠	1-468-205-11	s	REGULATOR, SWITCHING (EWS150-18/C3)
4009 ⚠	1-570-384-21	s	SWITCH, SEESAW (AC POWER)
4010	1-636-210-11	o	PRINTED CIRCUIT BOARD, DP-131
4011	2-068-008-00	s	WASHER
4012	2-139-192-01	s	FRAME, INDICATOR WINDOW
4013	2-139-193-02	s	WINDOW, INDICATOR
4014	2-249-353-00	s	COVER, LAMP
4015	3-176-177-02	o	HANDLE
4016	3-606-727-01	o	SIDE PANEL(R)
4017	3-606-728-01	o	SIDE PANEL(L)
4018	3-606-733-01	o	CHASSIS,TOP PLATE
4019	3-606-735-01	o	PANEL,REAR
4020	3-606-742-02	o	PLATE,TOP
4021	3-606-747-01	o	BLANK PANEL,REAR
4022	3-606-748-11	o	PIF-14 PANNEL
4023	3-606-756-11	o	SHEET, INSUTLATIN(100)
4024	3-606-757-11	o	SHEET, INSUTLATIN(112)
4025	3-608-420-01	o	FOARMD SHEELD
4026	3-611-613-01	o	SHEET
4027	3-642-656-01	s	FOOT
4028	3-669-596-00	s	WASHER (2.3), STOPPER
4029	3-681-054-01	o	POWER SW GUARD
4030	3-688-814-01	s	CAP, SWITCH

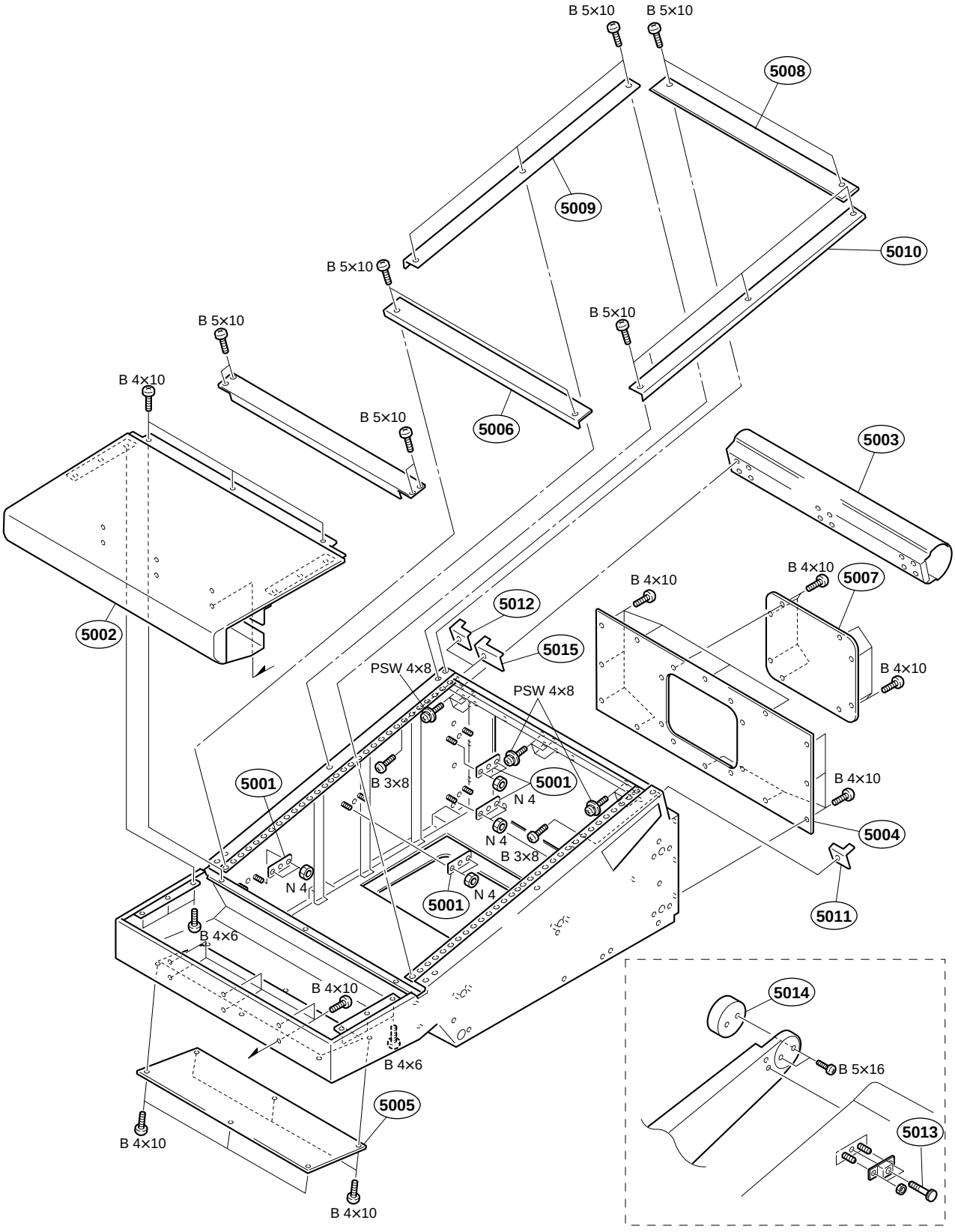
Overall
Serial No. 20045 and higher



No.	Part No.	SP	Description
4001	A-8278-537-D	o	PANEL ASSY,FRONT
4002	A-8311-562-A	o	MOUNTED CIRCUIT BOARD, PIF-14
4003	A-8311-742-A	o	MOUNTED CIRCUIT BOARD, MB-633
4004	X-2068-004-0	s	TERMINAL ASSY
4005	X-3165-217-1	o	ANGLE ASSY, RACK
4006 ⚠	1-251-148-11	s	INLET, AC (WITH FILLTER)
4007 ⚠	1-413-922-11	s	REGULATOR, SWITCHING (EWS150-5)
4008 ⚠	1-468-205-11	s	REGULATOR, SWITCHING (EWS150-18/C3)
4009 ⚠	1-570-384-21	s	SWITCH, SEESAW (AC POWER)
4010	1-636-210-11	o	PRINTED CIRCUIT BOARD, DP-131
4011	2-068-008-00	s	WASHER
4012	2-139-192-01	s	FRAME, INDICATOR WINDOW
4013	2-139-193-02	s	WINDOW, INDICATOR
4014	2-249-353-00	s	COVER, LAMP
4015	3-176-177-02	o	HANDLE
4016	3-606-727-02	o	SIDE PANEL(R)
4017	3-606-728-03	o	SIDE PANEL(L)
4018	3-606-733-01	o	CHASSIS,TOP PLATE
4019	3-606-735-01	o	PANEL,REAR
4020	3-606-742-03	o	PLATE,TOP
4021	3-606-747-01	o	BLANK PANEL,REAR
4022	3-606-748-11	o	PIF-14 PANNEL
4023	3-606-756-11	o	SHEET, INSUTLATIN(100)
4024	3-606-757-11	o	SHEET, INSUTLATIN(112)
4025	3-608-420-01	o	FOARMD SHEELD
4026	3-611-613-01	o	SHEET
4027	3-642-656-01	s	FOOT
4028	3-669-596-00	s	WASHER (2.3), STOPPER
4029	3-681-054-01	o	POWER SW GUARD
4030	3-688-814-01	s	CAP, SWITCH
4031	1-698-379-11	s	MOTOR,DC FAN

3-2-4. DMBK-R3011

Overall



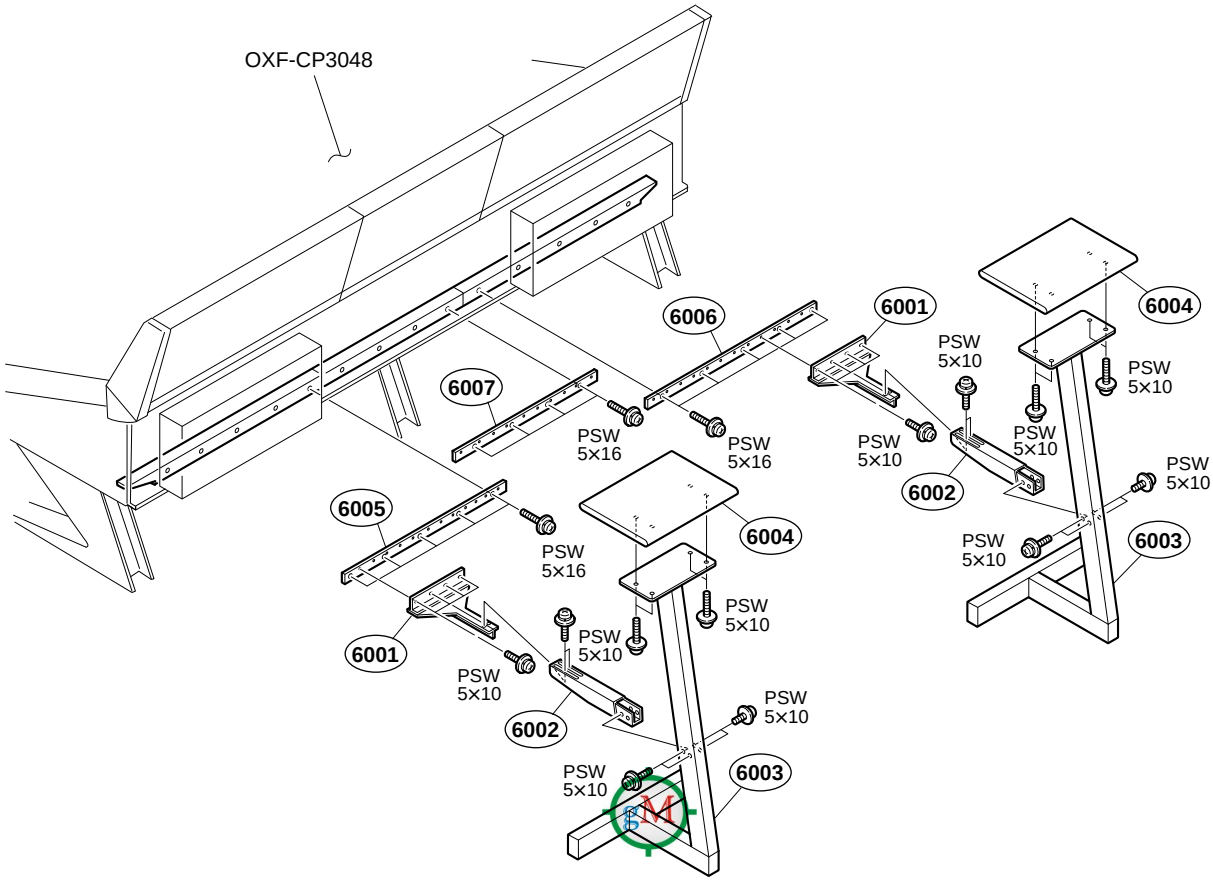
No.	Part No.	SP	Description
5001	3-606-582-01	o	PLATE, HANDLE
5002	3-613-876-01	o	PLATE, DESK(PD L)(For Producer's desk L)
	3-613-894-02	o	PLATE, DESK(PD R)(For Producer's desk R)
5003	3-613-880-02	o	COVER, METER R(PD)
5004	3-613-884-01	o	PANEL(PD), REAR
5005	3-613-886-01	o	COVER(PD), BOTTOM
5006	3-613-887-02	o	PD ORNAMENTAL F(L)
5007	3-613-888-01	o	COVER(PD)
5008	3-613-889-02	o	PD ORNAMENTAL B(L)
5009	3-613-890-02	o	PD ORNAMENTAL L(For Producer's desk L)
	3-614-473-01	o	PD ORNAMENTAL RR(For Producer's desk R)
5010	3-614-891-02	o	PD ORNAMENTAL R(For Producer's desk L)
	3-614-474-01	o	PD ORNAMENTAL RL(For Producer's desk R)
5011	3-614-203-01	o	PLATE, BLIND L
5012	3-614-204-02	o	PLATE, BLIND R

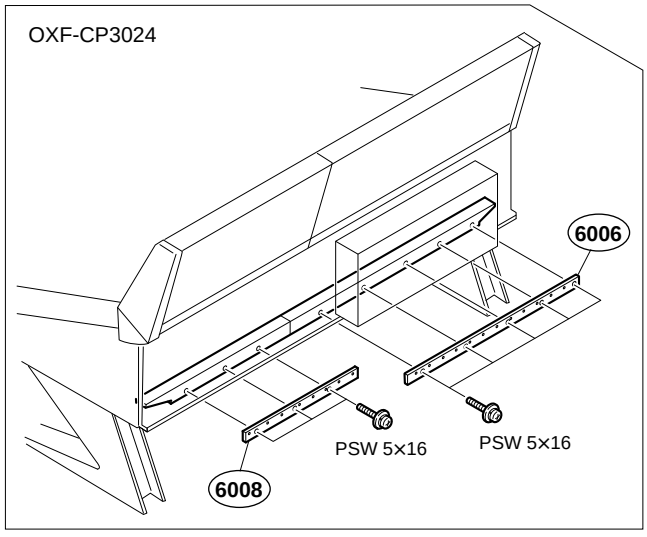
Accessories Supplied

5013	3-606-647-01	o	HANDLE
5014	3-614-243-01	o	END CAP
5015	0-500-639-01	o	PLATE, BLIND(24R)
----	3-606-610-01	o	ADJUSTER

3-2-5. DMBK-R3012

Overall





No.	Part No.	SP	Description
6001	3-613-902-02	o	BRACKET(1)
6002	3-613-903-02	o	BRACKET(2)
6003	3-613-906-02	o	SUPPORT
6004	3-614-242-02	o	SHELF, SPEAKER
6005	3-614-767-01	o	STAY(R), SP STAND
6006	3-614-768-01	o	STAY(L), SP STAND
6007	3-614-769-01	o	STAY(C), SP STAND
6008	3-614-770-01	o	STAY(24C), SP STAND

3-3. Electrical Parts List

3-3-1. OXF-CP3048/OXF-CP3024

BF-57 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
5pcs	A-8311-740-A	o	MOUNTED CIRCUIT BOARD, BF-57
(This assembly includes the following parts.)			
C101	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C155	1-126-934-11	s	ELECT 220uF 20% 16V
C156	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201-208	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301-308	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C401-408	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN601	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN604	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN605	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN606	1-770-043-11	o	HEADDER, FLAT CABLE 68P
IC101	8-759-239-92	s	IC TC74HC07AF
IC201 -208	8-759-926-77	s	IC SN74HC541ANS
IC301 -308	8-759-926-77	s	IC SN74HC541ANS
IC401 -408	8-759-926-77	s	IC SN74HC541ANS
R201-205	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R301-305	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R401-405	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
RB101	1-235-332-11	s	RESISTOR BLOCK 470X8
RB102	1-235-332-11	s	RESISTOR BLOCK 470X8
RB103	1-235-194-00	s	RESISTOR BLOCK 4.7KX8
RB104	1-235-194-00	s	RESISTOR BLOCK 4.7KX8
RB105	1-235-332-11	s	RESISTOR BLOCK 470X8
RB106	1-235-332-11	s	RESISTOR BLOCK 470X8
RB107	1-235-194-00	s	RESISTOR BLOCK 4.7KX8
RB108	1-235-194-00	s	RESISTOR BLOCK 4.7KX8
RB109	1-235-332-11	s	RESISTOR BLOCK 470X8
RB110	1-235-332-11	s	RESISTOR BLOCK 470X8
RB111	1-235-194-00	s	RESISTOR BLOCK 4.7KX8
RB112	1-235-194-00	s	RESISTOR BLOCK 4.7KX8
RB113	1-235-332-11	s	RESISTOR BLOCK 470X8
RB114	1-235-332-11	s	RESISTOR BLOCK 470X8
RB115	1-235-194-00	s	RESISTOR BLOCK 4.7KX8
RB116	1-235-194-00	s	RESISTOR BLOCK 4.7KX8
RB117	1-236-232-11	s	RESISTOR BLOCK 330X8
RB601 -664	1-239-621-11	s	NETWORK, CHIP 22X8 5%

CN-1176 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-593-A	o	MOUNTED CIRCUIT BOARD, CN-1176
(This assembly includes the following parts.)			
1pc	3-606-539-01	o	PANEL,CN-1176
2pcs	7-682-547-04	s	SCREW +B 3X6
8pcs	7-621-259-35	s	SCREW +P 2.6X5
C101	1-126-964-11	s	ELECT 10uF 20% 50V
C102	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C103	1-126-960-11	s	ELECT 1uF 20% 50V
C104	1-163-038-91	s	CERAMIC 0.1uF 25V
C105	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C106	1-126-964-11	s	ELECT 10uF 20% 50V
C107	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C108	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C109	1-126-947-11	s	ELECT 47uF 20% 35V
C110	1-126-947-11	s	ELECT 47uF 20% 35V
C111	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C112	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C113	1-163-038-91	s	CERAMIC 0.1uF 25V
C114	1-126-964-11	s	ELECT 10uF 20% 50V
C115	1-163-038-91	s	CERAMIC 0.1uF 25V
C116	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C117	1-126-947-11	s	ELECT 47uF 20% 35V
C118	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C119	1-163-263-11	s	CERAMIC, CHIP 330PF 5% 50V
C120	1-126-960-11	s	ELECT 1uF 20% 50V
C121	1-126-964-11	s	ELECT 10uF 20% 50V
C122	1-126-964-11	s	ELECT 10uF 20% 50V
C123	1-126-947-11	s	ELECT 47uF 20% 35V
C124	1-163-239-11	s	CERAMIC, CHIP 33PF 5% 50V
C125	1-163-038-91	s	CERAMIC 0.1uF 25V
C126	1-163-038-91	s	CERAMIC 0.1uF 25V
C127	1-163-038-91	s	CERAMIC 0.1uF 25V
C128	1-126-934-11	s	ELECT 220uF 20% 16V
C129	1-126-934-11	s	ELECT 220uF 20% 16V
C130	1-126-934-11	s	ELECT 220uF 20% 16V
C131	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C132	1-126-934-11	s	ELECT 220uF 20% 16V
C133	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-560-365-00	o	CONNECTOR, ILG (3P), MALE
CN102	1-565-284-11	o	CONNECTOR, XLR TYPE 3P, FEMALE
CN103	1-565-283-11	o	CONNECTOR, XLR TYPE 3P, MALE
CN104	1-565-284-11	o	CONNECTOR, XLR TYPE 3P, FEMALE
CN105	1-565-284-11	o	CONNECTOR, XLR TYPE 3P, FEMALE
CN106	1-560-368-00	o	CONNECTOR, ILG (6P), MALE
CN107	1-560-368-00	o	CONNECTOR, ILG (6P), MALE
CN108	1-580-838-11	o	PIN, CONNECTOR (PC BOARD) 4P
D101	8-719-104-34	s	DIODE 1S2835
D102	8-719-104-34	s	DIODE 1S2835
E101	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
FL101 -110	1-239-825-11	s	FILTER, CHIP EMI
IC101	8-759-924-46	s	IC BA4560F
IC102	8-759-924-46	s	IC BA4560F
IC112	8-759-158-99	s	IC SSM-2142P
Q101	8-729-203-04	s	TRANSISTOR 2SK30A-GR

(CN-1176 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R101	1-216-663-11	s	METAL, CHIP 3.3K 0.5% 1/10W
R102	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R103	1-216-671-11	s	METAL, CHIP 6.8K 0.5% 1/10W
R104	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R105	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R106	1-216-649-11	s	METAL, CHIP 820 0.5% 1/10W
R107	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W
R108	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R109	1-216-681-11	s	METAL, CHIP 18K 0.5% 1/10W
R110	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R111	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R112	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W
R113	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W
R114	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R115	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R116	1-216-615-11	s	METAL, CHIP 33 0.5% 1/10W
R117	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R118	1-216-694-11	s	METAL, CHIP 62K 0.5% 1/10W
R119	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R120	1-216-674-11	s	METAL, CHIP 9.1K 0.5% 1/10W
R121	1-216-695-11	s	METAL, CHIP 68K 0.5% 1/10W
R122	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W
R123	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R124	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
RV101	1-237-520-21	s	RES, ADJ METAL 50K
TP101	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
TP102	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
TP103	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
TP104	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)

CN-1177 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-458-A	o	MOUNTED CIRCUIT BOARD, CN-1177
(This assembly includes the following parts.)			
8pcs	7-682-547-04	s	SCREW +B 3X6
CN101	1-764-273-11	s	CONNECTOR, BNC, RECEPTACLE
CN103	1-764-273-11	s	CONNECTOR, BNC, RECEPTACLE
CN105	1-563-770-11	s	CONNECTOR, D-SUB 9P, FEMALE
CN106	1-563-770-11	s	CONNECTOR, D-SUB 9P, FEMALE
CN107	1-563-770-11	s	CONNECTOR, D-SUB 9P, FEMALE
CN108	1-562-635-11	s	CONNECTOR, BNC, RECEPTACLE
CN110	1-562-635-11	s	CONNECTOR, BNC, RECEPTACLE
CN112	1-573-714-11	o	HEADER, CONNECTOR 20P, MALE
CN113	1-573-714-11	o	HEADER, CONNECTOR 20P, MALE
CN114	1-573-714-11	o	HEADER, CONNECTOR 20P, MALE
FL101 -121	1-239-825-11	s	FILTER, CHIP EMI

CN-1179 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
5pcs	A-8311-596-A	o	MOUNTED CIRCUIT BOARD, CN-1179
(This assembly includes the following parts.)			
CN101 -116	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN201	1-580-838-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN202	1-580-838-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN203	1-580-838-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN204	1-580-838-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN301	1-770-291-11	o	PIN, CONNECTOR (PC BOARD) 7P
CN401	1-766-176-11	o	PIN, CONNECTOR (PC BOARD) 6P
CN402	1-766-176-11	o	PIN, CONNECTOR (PC BOARD) 6P
CN501	1-506-675-11	o	CONNECTOR 20P, MALE
CN601	1-766-176-11	o	PIN, CONNECTOR (PC BOARD) 6P
CN602	1-766-176-11	o	PIN, CONNECTOR (PC BOARD) 6P
F101 ⚠	1-532-783-21	s	FUSE 5A 125V
F102 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F103 ⚠	1-532-783-21	s	FUSE 5A 125V
F104 ⚠	1-532-783-21	s	FUSE 5A 125V
F105 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F106 ⚠	1-532-783-21	s	FUSE 5A 125V
F107 ⚠	1-532-783-21	s	FUSE 5A 125V
F108 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F109 ⚠	1-532-783-21	s	FUSE 5A 125V
F110 ⚠	1-532-783-21	s	FUSE 5A 125V
F111 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F112 ⚠	1-532-783-21	s	FUSE 5A 125V
F113 ⚠	1-532-783-21	s	FUSE 5A 125V
F114 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F115 ⚠	1-532-783-21	s	FUSE 5A 125V
F116 ⚠	1-532-783-21	s	FUSE 5A 125V
F117 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F118 ⚠	1-532-783-21	s	FUSE 5A 125V
F119 ⚠	1-532-783-21	s	FUSE 5A 125V
F120 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F121 ⚠	1-532-783-21	s	FUSE 5A 125V
F122 ⚠	1-532-783-21	s	FUSE 5A 125V
F123 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F124 ⚠	1-532-783-21	s	FUSE 5A 125V
F125 ⚠	1-532-783-21	s	FUSE 5A 125V
F126 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F127 ⚠	1-532-783-21	s	FUSE 5A 125V
F128 ⚠	1-532-783-21	s	FUSE 5A 125V
F129 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F130 ⚠	1-532-783-21	s	FUSE 5A 125V
F131 ⚠	1-532-783-21	s	FUSE 5A 125V
F132 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F133 ⚠	1-532-783-21	s	FUSE 5A 125V
F134 ⚠	1-532-783-21	s	FUSE 5A 125V
F135 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F136 ⚠	1-532-783-21	s	FUSE 5A 125V
F137 ⚠	1-532-783-21	s	FUSE 5A 125V
F138 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F139 ⚠	1-532-783-21	s	FUSE 5A 125V
F140 ⚠	1-532-783-21	s	FUSE 5A 125V
F141 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F142 ⚠	1-532-783-21	s	FUSE 5A 125V
F143 ⚠	1-532-783-21	s	FUSE 5A 125V
F144 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V

(CN-1179 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
F145 ⚠	1-532-783-21	s	FUSE 5A 125V
F146 ⚠	1-532-783-21	s	FUSE 5A 125V
F147 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F148 ⚠	1-532-783-21	s	FUSE 5A 125V
F201 ⚠ -208	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F301 ⚠ -305	1-532-783-21	s	FUSE 5A 125V
F401 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F402 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F403 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F404 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F405 ⚠	1-532-783-21	s	FUSE 5A 125V
F406 ⚠	1-532-783-21	s	FUSE 5A 125V
F601 ⚠	1-532-783-21	s	FUSE 5A 125V
F602 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F603 ⚠	1-532-783-21	s	FUSE 5A 125V
F604 ⚠	1-532-783-21	s	FUSE 5A 125V
F605 ⚠	1-576-260-21	s	FUSE, MICRO (SECONDARY) 10A 125V
F606 ⚠	1-532-783-21	s	FUSE 5A 125V
W1-6	1-694-274-11	s	BLOCK (M115D), TERMINAL

CN-1236 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
7pcs	A-8311-476-A	o	MOUNTED CIRCUIT BOARD, CN-1236
(This assembly includes the following part.)			
CN102	1-779-396-11	o	CONNECTOR, BOARD TO BOARD 31P, FEMALE

DP-220 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
9pcs	A-8311-577-A	o	MOUNTED CIRCUIT BOARD, DP-220
(This assembly includes the following parts.)			
C1-12	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C13	1-126-934-11	s	ELECT 220uF 20% 16V
C14	1-126-934-11	s	ELECT 220uF 20% 16V
CN1	1-568-063-11	o	HEADER, CONNECTOR 16P, MALE
CNI1-12	1-568-417-11	o	SOCKET, SIL 14P
ND1-6	8-719-061-17	s	DIODE HCMS-2913
R1-6	1-216-009-00	s	METAL, CHIP 22 5% 1/10W

DP-221 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
8pcs	A-8311-580-A	o	MOUNTED CIRCUIT BOARD, DP-221
(This assembly includes the following parts.)			
8pcs	3-192-578-01	s	BUTTON (6X6), SW "ABS"
8pcs	3-192-578-11	s	BUTTON (6X6), SW "TRM"
C1-12	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C13	1-126-934-11	s	ELECT 220uF 20% 16V
C14	1-126-934-11	s	ELECT 220uF 20% 16V
CN1	1-562-717-11	o	CONNECTOR, 34P, MALE
CN2	1-562-719-11	s	SOCKET, CONNECTOR 10P
D1	8-719-061-15	s	DIODE TLUR124
D2	8-719-812-42	s	DIODE TLY124
D3	8-719-812-43	s	LED TLG124A, GRN
D4	8-719-061-15	s	DIODE TLUR124
D5	8-719-812-42	s	DIODE TLY124
D6	8-719-812-43	s	LED TLG124A, GRN
D7	8-719-061-15	s	DIODE TLUR124
D8	8-719-812-42	s	DIODE TLY124
D9	8-719-812-43	s	LED TLG124A, GRN
D10	8-719-061-15	s	DIODE TLUR124
D11	8-719-812-42	s	DIODE TLY124
D12	8-719-812-43	s	LED TLG124A, GRN
D13	8-719-061-15	s	DIODE TLUR124
D14	8-719-812-42	s	DIODE TLY124
D15	8-719-812-43	s	LED TLG124A, GRN
D16	8-719-061-15	s	DIODE TLUR124
D17	8-719-812-42	s	DIODE TLY124
D18	8-719-812-43	s	LED TLG124A, GRN
D19	8-719-061-15	s	DIODE TLUR124
D20	8-719-812-42	s	DIODE TLY124
D21	8-719-812-43	s	LED TLG124A, GRN
D22	8-719-061-15	s	DIODE TLUR124
D23	8-719-812-42	s	DIODE TLY124
D24	8-719-812-43	s	LED TLG124A, GRN
D25-32	8-719-059-51	s	DIODE MA3J142E0LSO
ND1-6	8-719-061-17	s	DIODE HCMS-2913
R1-6	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
S1-16	1-692-491-11	s	SWITCH, PUSH (1 KEY)

DP-222 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
13pcs	A-8311-592-A	o	MOUNTED CIRCUIT BOARD, DP-222
(This assembly includes the following parts.)			
C1-12	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C13	1-126-934-11	s	ELECT 220uF 20% 16V
C14	1-126-934-11	s	ELECT 220uF 20% 16V
CN1	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
CNI1-12	1-568-417-11	o	SOCKET, SIL 14P
D1	8-719-061-15	s	DIODE TLUR124
D2	8-719-812-43	s	LED TLG124A, GRN
D3	8-719-061-15	s	DIODE TLUR124
D4	8-719-812-43	s	LED TLG124A, GRN
D5	8-719-061-15	s	DIODE TLUR124
D6	8-719-812-43	s	LED TLG124A, GRN
D7	8-719-061-15	s	DIODE TLUR124
D8	8-719-812-43	s	LED TLG124A, GRN
D9	8-719-061-15	s	DIODE TLUR124
D10	8-719-812-43	s	LED TLG124A, GRN
D11	8-719-061-15	s	DIODE TLUR124
D12	8-719-812-43	s	LED TLG124A, GRN
D13	8-719-061-15	s	DIODE TLUR124
D14	8-719-812-43	s	LED TLG124A, GRN
D15	8-719-061-15	s	DIODE TLUR124
D16	8-719-812-43	s	LED TLG124A, GRN
ND1-6	8-719-061-17	s	DIODE HCMS-2913
R1-6	1-216-009-00	s	METAL, CHIP 22 5% 1/10W

DP-224 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	A-8311-574-A	o	MOUNTED CIRCUIT BOARD, DP-224
(This assembly includes the following parts.)			
9pcs	3-192-578-21	s	BUTTON (6X6), SW "+"
9pcs	3-192-578-31	s	BUTTON (6X6), SW "–"
C101-120	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C121	1-126-934-11	s	ELECT 220uF 20% 16V
C122	1-126-934-11	s	ELECT 220uF 20% 16V
C201	1-126-934-11	s	ELECT 220uF 20% 16V
C301	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C302	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-566-343-11	o	CONNECTOR, 40P, MALE
CN201	1-566-343-11	o	CONNECTOR, 40P, MALE
D201-209	8-719-059-51	s	DIODE MA3J142E0LSO
D301	8-719-061-15	s	DIODE TLUR124
D302	8-719-812-43	s	LED TLG124A, GRN
D303	8-719-061-15	s	DIODE TLUR124
D304	8-719-812-43	s	LED TLG124A, GRN
D305	8-719-061-15	s	DIODE TLUR124
D306	8-719-812-43	s	LED TLG124A, GRN
D307	8-719-061-15	s	DIODE TLUR124
D308	8-719-812-43	s	LED TLG124A, GRN
D309	8-719-061-15	s	DIODE TLUR124
D310	8-719-812-43	s	LED TLG124A, GRN
D311	8-719-061-15	s	DIODE TLUR124
D312	8-719-812-43	s	LED TLG124A, GRN
D313	8-719-061-15	s	DIODE TLUR124
D314	8-719-812-43	s	LED TLG124A, GRN
D315	8-719-061-15	s	DIODE TLUR124
D316	8-719-812-43	s	LED TLG124A, GRN
D317	8-719-061-15	s	DIODE TLUR124
D318	8-719-812-43	s	LED TLG124A, GRN
D319	8-719-061-15	s	DIODE TLUR124
D320	8-719-812-43	s	LED TLG124A, GRN
D321	8-719-061-15	s	DIODE TLUR124
D322	8-719-812-43	s	LED TLG124A, GRN
D323	8-719-061-15	s	DIODE TLUR124
D324	8-719-812-43	s	LED TLG124A, GRN
D325	8-719-061-15	s	DIODE TLUR124
D326	8-719-812-43	s	LED TLG124A, GRN
D327	8-719-061-15	s	DIODE TLUR124
D328	8-719-812-43	s	LED TLG124A, GRN
D329	8-719-061-15	s	DIODE TLUR124
D330	8-719-812-43	s	LED TLG124A, GRN
D331	8-719-061-15	s	DIODE TLUR124
D332	8-719-812-43	s	LED TLG124A, GRN
D333	8-719-061-15	s	DIODE TLUR124
D334	8-719-812-43	s	LED TLG124A, GRN
D335	8-719-061-15	s	DIODE TLUR124
D336	8-719-812-43	s	LED TLG124A, GRN
D337	8-719-061-15	s	DIODE TLUR124
D338	8-719-812-43	s	LED TLG124A, GRN
IC301	8-759-560-90	s	IC MM5450BV-T&R
ND101 -110	8-719-061-17	s	DIODE HCMS-2913
R101-114	1-216-009-00	s	METAL, CHIP 22 5% 1/10W

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(DP-224 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R201-214	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R301	1-216-061-00	s	METAL, CHIP 3.3K 5% 1/10W
S201-218	1-692-491-11	s	SWITCH, PUSH (1 KEY)

DP-225 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	A-8311-576-A	o	MOUNTED CIRCUIT BOARD, DP-225
(This assembly includes the following parts.)			
104pcs	4-937-336-61	o	HOLDER, LED
C201-212	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C251	1-126-934-11	s	ELECT 220uF 20% 16V
C252	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C253	1-126-934-11	s	ELECT 220uF 20% 16V
C254	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301-312	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C401-412	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C501-512	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-779-409-11	o	HEADER, CONNECTOR 60P
CN102	1-779-409-11	o	HEADER, CONNECTOR 60P
CN103	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
D201	8-719-061-15	s	DIODE TLUR124
D202	8-719-812-43	s	LED TLG124A, GRN
D203	8-719-061-15	s	DIODE TLUR124
D204	8-719-812-43	s	LED TLG124A, GRN
D205	8-719-061-15	s	DIODE TLUR124
D206	8-719-812-43	s	LED TLG124A, GRN
D207	8-719-990-90	s	LED HLMP-2500, GRN
D208	8-719-990-90	s	LED HLMP-2500, GRN
D209-248	8-719-037-96	s	DIODE CL-190G-CD
D249	8-719-059-51	s	DIODE MA3J142E0LSO
D301	8-719-061-15	s	DIODE TLUR124
D302	8-719-812-43	s	LED TLG124A, GRN
D303	8-719-061-15	s	DIODE TLUR124
D304	8-719-812-43	s	LED TLG124A, GRN
D305	8-719-061-15	s	DIODE TLUR124
D306	8-719-812-43	s	LED TLG124A, GRN
D307	8-719-990-89	s	LED HLMP-2400, YEL
D308	8-719-990-88	s	LED HMLP-2300, RED
D309-328	8-719-038-03	s	DIODE CL-190Y-CD-T
D329-348	8-719-061-16	s	DIODE CL-190SR-C
D349	8-719-059-51	s	DIODE MA3J142E0LSO
D401-407	8-719-990-88	s	LED HMLP-2300, RED
D408-413	8-719-038-03	s	DIODE CL-190Y-CD-T
D414-427	8-719-037-96	s	DIODE CL-190G-CD
D428-434	8-719-059-51	s	DIODE MA3J142E0LSO
D501-507	8-719-990-88	s	LED HMLP-2300, RED
D508-513	8-719-038-03	s	DIODE CL-190Y-CD-T
D514-527	8-719-037-96	s	DIODE CL-190G-CD
ND201 -206	8-719-061-17	s	DIODE HCMS-2913
ND301 -306	8-719-061-17	s	DIODE HCMS-2913
ND401 -406	8-719-061-17	s	DIODE HCMS-2913
ND501 -506	8-719-061-17	s	DIODE HCMS-2913
R101-117	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R201	1-218-818-11	s	CHIP 220 5% 1/2W
R202	1-218-818-11	s	CHIP 220 5% 1/2W
R204	1-218-818-11	s	CHIP 220 5% 1/2W

(DP-225 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R205	1-218-818-11	s	CHIP 220 5% 1/2W
R301	1-218-818-11	s	CHIP 220 5% 1/2W
R302	1-218-818-11	s	CHIP 220 5% 1/2W
R303	1-220-150-11	s	CHIP 680 10% 1/2W
R304	1-218-818-11	s	CHIP 220 5% 1/2W
R401-421	1-218-818-11	s	CHIP 220 5% 1/2W
R501-507	1-218-818-11	s	CHIP 220 5% 1/2W

DP-226 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	A-8311-568-A	o	MOUNTED CIRCUIT BOARD, DP-226
(This assembly includes the following parts.)			
2pcs	3-192-578-21	s	BUTTON (6X6), SW "+"
2pcs	3-192-578-31	s	BUTTON (6X6), SW "−"
C101	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C102	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C103	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C104	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
D101	8-719-061-15	s	DIODE TLUR124
D102	8-719-812-43	s	LED TLG124A, GRN
D103	8-719-061-15	s	DIODE TLUR124
D104	8-719-812-43	s	LED TLG124A, GRN
D105	8-719-061-15	s	DIODE TLUR124
D106	8-719-812-43	s	LED TLG124A, GRN
D107	8-719-061-15	s	DIODE TLUR124
D108	8-719-812-43	s	LED TLG124A, GRN
D109	8-719-059-51	s	DIODE MA3J142E0LSO
D110	8-719-059-51	s	DIODE MA3J142E0LSO
ND101	8-719-061-17	s	DIODE HCMS-2913
ND102	8-719-061-17	s	DIODE HCMS-2913
R101-106	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
S101	1-692-491-11	s	SWITCH, PUSH (1 KEY)
S102	1-692-491-11	s	SWITCH, PUSH (1 KEY)
S103	1-692-491-11	s	SWITCH, PUSH (1 KEY)
S104	1-692-491-11	s	SWITCH, PUSH (1 KEY)

DP-228 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	A-8311-572-A	o	MOUNTED CIRCUIT BOARD, DP-228
(This assembly includes the following parts.)			
1pc	3-192-578-31	s	BUTTON (6X6), SW "−"
1pc	3-192-578-21	s	BUTTON (6X6), SW "+"
C101	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C102	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C103	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C104	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
D101	8-719-059-51	s	DIODE MA3J142E0LSO
ND101	8-719-061-17	s	DIODE HCMS-2913
ND102	8-719-061-17	s	DIODE HCMS-2913
R101-106	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
S101	1-692-491-11	s	SWITCH, PUSH (1 KEY)
S102	1-692-491-11	s	SWITCH, PUSH (1 KEY)

DP-229 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-589-A	o	MOUNTED CIRCUIT BOARD, DP-229
(This assembly includes the following parts.)			
1pc	3-192-578-01	s	BUTTON (6X6), SW "ABS"
1pc	3-192-578-11	s	BUTTON (6X6), SW "TRM"
C1	1-126-934-11	s	ELECT 220uF 20% 16V
C2	1-126-934-11	s	ELECT 220uF 20% 16V
C3	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C4	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN1	1-562-716-11	s	SOCKET, CONNECTOR 16P
D1	8-719-061-15	s	DIODE TLUR124
D2	8-719-812-42	s	DIODE TLY124
D3	8-719-812-43	s	LED TLG124A, GRN
ND1	8-719-061-17	s	DIODE HCMS-2913
R1-5	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R6	1-216-017-91	s	CHIP 47 5% 1/10W
R7	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R8	1-216-017-91	s	CHIP 47 5% 1/10W
R9	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R10	1-216-017-91	s	CHIP 47 5% 1/10W
R11	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
S1	1-692-491-11	s	SWITCH, PUSH (1 KEY)
S2	1-692-491-11	s	SWITCH, PUSH (1 KEY)

DP-230 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-598-A	o	MOUNTED CIRCUIT BOARD, DP-230
(This assembly includes the following parts.)			
1pc	3-192-578-31	s	BUTTON (6X6), SW "–"
1pc	3-192-578-21	s	BUTTON (6X6), SW "+"
C101-130	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C131	1-126-934-11	s	ELECT 220uF 20% 16V
C132	1-126-934-11	s	ELECT 220uF 20% 16V
CN101	1-566-343-11	o	CONNECTOR, 40P, MALE
D101	8-719-059-51	s	DIODE MA3J142E0LSO
D102	8-719-060-62	s	DIODE HLMP-2550
D103	8-719-060-58	s	DIODE HLMP-2450
D104	8-719-060-58	s	DIODE HLMP-2450
ND101 -115	8-719-061-17	s	DIODE HCMS-2913
R101-112	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R113	1-220-271-11	s	CHIP 560 5% 1/2W
R114	1-220-150-11	s	CHIP 680 10% 1/2W
R115	1-220-150-11	s	CHIP 680 10% 1/2W
S101	1-692-491-11	s	SWITCH, PUSH (1 KEY)
S102	1-692-491-11	s	SWITCH, PUSH (1 KEY)

DP-232 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	A-8311-591-A	o	MOUNTED CIRCUIT BOARD, DP-232
(This assembly includes the following parts.)			
CN101	1-779-402-11	o	PIN, CONNECTOR (PC BOARD) 10P
CN102	1-779-402-11	o	PIN, CONNECTOR (PC BOARD) 10P
D101	8-719-060-60	s	DIODE HLMP-2350
D102	8-719-060-60	s	DIODE HLMP-2350
D103	8-719-060-58	s	DIODE HLMP-2450
D104	8-719-060-58	s	DIODE HLMP-2450
D105	8-719-060-62	s	DIODE HLMP-2550
D106	8-719-060-62	s	DIODE HLMP-2550
D107	8-719-060-58	s	DIODE HLMP-2450
D108	8-719-060-58	s	DIODE HLMP-2450
D109	8-719-060-60	s	DIODE HLMP-2350
D110	8-719-060-60	s	DIODE HLMP-2350
D111	8-719-060-60	s	DIODE HLMP-2350
D112	8-719-060-58	s	DIODE HLMP-2450
D113	8-719-060-58	s	DIODE HLMP-2450
D114	8-719-060-58	s	DIODE HLMP-2450
D115	8-719-060-62	s	DIODE HLMP-2550
D116	8-719-060-62	s	DIODE HLMP-2550
D117	8-719-060-62	s	DIODE HLMP-2550

DP-247 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-599-A	o	MOUNTED CIRCUIT BOARD, DP-247
(This assembly includes the following parts.)			
1pc	3-192-578-31	s	BUTTON (6X6), SW "–"
1pc	3-192-578-21	s	BUTTON (6X6), SW "+"
1pc	3-192-572-11	s	CAP (6.6X8), SW "L"
1pc	3-192-572-41	s	CAP (6.6X8), SW "L/C"
1pc	3-192-572-21	s	CAP (6.6X8), SW "C"
1pc	3-192-572-51	s	CAP (6.6X8), SW "R/C"
1pc	3-192-572-31	s	CAP (6.6X8), SW "R"
1pc	3-192-575-11	s	CAP (6.6X8), SW "L-S"
1pc	3-192-575-01	s	CAP (6.6X8), SW "SUB"
1pc	3-192-575-21	s	CAP (6.6X8), SW "R-S"
C101-112	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
CN102	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
D101-105	8-719-059-51	s	DIODE MA3J142E0LSO
D106	8-719-060-58	s	DIODE HLMP-2450
ND101 -106	8-719-061-17	s	DIODE HCMS-2913
R101-106	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R107	1-220-150-11	s	CHIP 680 10% 1/2W
S101	1-692-491-11	s	SWITCH, PUSH (1 KEY)
S102	1-692-491-11	s	SWITCH, PUSH (1 KEY)
S103-110	1-571-403-11	s	SWITCH, PUSH

HP-67 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	A-8311-594-A	o	MOUNTED CIRCUIT BOARD, HP-67
(This assembly includes the following parts.)			
C1	1-126-934-11	s	ELECT 220uF 20% 16V
C2	1-126-934-11	s	ELECT 220uF 20% 16V
C3	1-126-934-11	s	ELECT 220uF 20% 16V
C4	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C5	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C6	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C101	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C102	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C103	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C104	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C105	1-126-947-11	s	ELECT 47uF 20% 35V
C106	1-126-947-11	s	ELECT 47uF 20% 35V
C107	1-126-947-11	s	ELECT 47uF 20% 35V
C108	1-126-947-11	s	ELECT 47uF 20% 35V
C109	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C110	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C111	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C112	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C113	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C114	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C119	1-163-239-11	s	CERAMIC, CHIP 33PF 5% 50V
C120	1-163-239-11	s	CERAMIC, CHIP 33PF 5% 50V
C121	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C122	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-506-705-11	o	CONNECTOR POST HEADER,ILG (6P), MALE
CN102	1-779-405-11	o	PIN, CONNECTOR (PC BOARD) 10P
CN103	1-566-311-11	s	CONNECTOR, 10P, MALE
CN104	1-565-327-11	s	JACK, LARGE TYPE 1P
CN105	1-770-291-11	o	PIN, CONNECTOR (PC BOARD) 7P
FL101	1-239-825-11	s	FILTER, CHIP EMI
FL102	1-239-825-11	s	FILTER, CHIP EMI
IC101	8-759-064-92	s	IC NJM5532M-D
IC102	8-759-064-92	s	IC NJM5532M-D
R101	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W
R102	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W
R103	1-216-680-11	s	METAL, CHIP 16K 0.5% 1/10W
R104	1-216-680-11	s	METAL, CHIP 16K 0.5% 1/10W
R105	1-216-680-11	s	METAL, CHIP 16K 0.5% 1/10W
R106	1-216-680-11	s	METAL, CHIP 16K 0.5% 1/10W
R107	1-216-663-11	s	METAL, CHIP 3.3K 0.5% 1/10W
R108	1-216-663-11	s	METAL, CHIP 3.3K 0.5% 1/10W
R109	1-216-663-11	s	METAL, CHIP 3.3K 0.5% 1/10W
R110	1-216-663-11	s	METAL, CHIP 3.3K 0.5% 1/10W
R111	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R112	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R113	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W
R114	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W
R115	1-216-677-11	s	METAL, CHIP 12K 0.5% 1/10W
R116	1-216-677-11	s	METAL, CHIP 12K 0.5% 1/10W
R117	1-260-083-11	s	CARBON 47 5% 1/2W
R118	1-260-083-11	s	CARBON 47 5% 1/2W
R119	1-216-669-11	s	METAL, CHIP 5.6K 0.5% 1/10W
R120	1-216-669-11	s	METAL, CHIP 5.6K 0.5% 1/10W

IF-528 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
8pcs	A-8311-584-A	o	MOUNTED CIRCUIT BOARD, IF-528
(This assembly includes the following parts.)			
C101-106	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C108	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201-213	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301-308	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C309-315	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C401	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C402	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C403	1-126-934-11	s	ELECT 220uF 20% 16V
C404	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C405	1-126-934-11	s	ELECT 220uF 20% 16V
C406	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C407	1-126-934-11	s	ELECT 220uF 20% 16V
C408	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C409	1-126-767-11	s	ELECT 1000uF 20% 16V
C410	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C411	1-126-767-11	s	ELECT 1000uF 20% 16V
C412	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C413	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C501-508	1-163-133-00	s	CERAMIC, CHIP 47PF 5% 50V
C509	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C510	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C511	1-126-934-11	s	ELECT 220uF 20% 16V
C512	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C513	1-163-231-11	s	CERAMIC 15PF 5% 50V
C514-537	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN401 -408	1-506-501-11	o	HEADER, CONNECTOR 20P, MALE
CN409	1-568-063-11	o	HEADER, CONNECTOR 16P, MALE
CN410	1-506-501-11	o	HEADER, CONNECTOR 20P, MALE
CN411	1-562-717-11	o	CONNECTOR, 34P, MALE
CN412	1-562-719-11	s	SOCKET, CONNECTOR 10P
CN413	1-562-993-11	o	CONNECTOR, FPC 30P
CN414	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN415	1-580-838-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN417	1-560-356-00	o	CONNECTOR, ILG (2P), MALE
CNI401	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI402	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI403	1-251-349-11	o	SOCKET, IC (PLCC) 28P
D501	8-719-059-51	s	DIODE MA3J142E0LSO
IC101	8-759-926-77	s	IC SN74HC541ANS
IC102	8-759-926-77	s	IC SN74HC541ANS
IC103	8-759-926-77	s	IC SN74HC541ANS
IC104	8-759-239-92	s	IC TC74HC07AF
IC105	8-759-926-77	s	IC SN74HC541ANS
IC106	8-759-926-77	s	IC SN74HC541ANS
IC108	8-759-926-77	s	IC SN74HC541ANS
IC201	8-759-973-72	s	IC SN74LS07NS
IC202	8-759-560-90	s	IC MM5450BV-T&R
IC203	8-759-560-90	s	IC MM5450BV-T&R
IC204	8-759-560-90	s	IC MM5450BV-T&R
IC205	8-759-560-90	s	IC MM5450BV-T&R

(IF-528 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC301	8-759-440-65	s	IC TLC1541IDWR
IC302	8-759-011-63	s	IC MC74HC4051F
-306			
IC401	8-759-437-86	o	IC 22V10B-FDR-AS-V1.0
IC402	8-759-437-87	o	IC 22V10B-FDR-D0-V1.0
IC403	8-759-437-88	o	IC 26CV12-FDR-TS-V1.0
IC501	8-759-440-66	s	IC AD7943BR-REEL
-508			
IC509	8-759-908-16	s	IC TL072CPS
-516			
IC517	8-759-064-92	s	IC NJM5532M-D
IC518	8-759-711-58	s	IC NJM78L05UA
Q201	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q202	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q203	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q204	8-729-820-04	s	TRANSISTOR 2SB1140-T
R101	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R102	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R103	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R105-143	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R158	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R159	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R201	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R202	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R203	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R204	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R205	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R206	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R207	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R208	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R209	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R210	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R211	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R212	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R213	1-216-061-00	s	METAL, CHIP 3.3K 5% 1/10W
R214	1-216-061-00	s	METAL, CHIP 3.3K 5% 1/10W
R215	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R216	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R301-308	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R401	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R402	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R403-416	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R417	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R418	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R501-508	1-216-017-91	s	CHIP 47 5% 1/10W
R509	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R510	1-216-017-91	s	CHIP 47 5% 1/10W
R511	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R512	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R513	1-216-017-91	s	CHIP 47 5% 1/10W
RB101	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
-106			
RB108	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB301	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7kx8
-305			

(IF-528 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB306	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
S401	1-771-245-11	s	SWITCH, ROTARY

IF-530 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-590-A	o	MOUNTED CIRCUIT BOARD, IF-530
(This assembly includes the following parts.)			
C101-106	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C401	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-566-311-11	s	CONNECTOR, 10P, MALE
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN103	1-561-115-00	s	SOCKET, CONNECTOR 6P
CN201	1-779-403-11	o	SOCKET, CONNECTOR(PC BOARD)10P
CN202	1-779-403-11	o	SOCKET, CONNECTOR(PC BOARD)10P
CN301	1-779-403-11	o	SOCKET, CONNECTOR(PC BOARD)10P
CN302	1-779-403-11	o	SOCKET, CONNECTOR(PC BOARD)10P
CN401	1-560-357-11	o	CONNECTOR, ILG (3P), MALE
CN402	1-560-357-11	o	CONNECTOR, ILG (3P), MALE
IC101	8-759-926-77	s	IC SN74HC541ANS
IC102	8-759-973-72	s	IC SN74LS07NS
IC103	8-759-560-90	s	IC MM5450BV-T&R
IC401	8-759-925-80	s	IC SN74HC14ANS
Q101	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q102	8-729-820-04	s	TRANSISTOR 2SB1140-T
R101-105	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R106	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R109	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R110	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R111	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R112	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R113	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R114	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R115	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R116	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R117	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R118	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R119	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R401	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R402	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R403	1-216-097-91	s	CHIP 100K 5% 1/10W
RB101	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
S401	1-571-760-11	s	SWITCH, PUSH

IF-535 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-602-A	o	MOUNTED CIRCUIT BOARD, IF-535
(This assembly includes the following parts.)			
C101	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C102	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C103	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C104	1-126-934-11	s	ELECT 220uF 20% 16V
C105	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C106	1-126-934-11	s	ELECT 220uF 20% 16V
C107	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C108-112	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C202	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C203	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C204	1-163-133-11	s	CERAMIC, CHIP 47PF 5% 50V
C205	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C206	1-163-231-11	s	CERAMIC 15PF 5% 50V
C207	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C208	1-126-934-11	s	ELECT 220uF 20% 16V
C209	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C210	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C211	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C212	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-580-303-11	o	CONNECTOR, TX-3 30P, MALE
CN102	1-506-501-11	o	HEADER, CONNECTOR 20P, MALE
CN103	1-770-291-11	o	PIN, CONNECTOR (PC BOARD) 7P
CN104	1-560-356-00	o	CONNECTOR, ILG (2P), MALE
CN106	1-562-716-11	s	SOCKET, CONNECTOR 16P
CN107	1-562-631-11	s	CONNECTOR, FPC 4P, FEMALE
CN108	1-562-631-11	s	CONNECTOR, FPC 4P, FEMALE
D1	8-719-059-51	s	DIODE MA3J142E0LSO
IC101	8-759-560-90	s	IC MM5450BV-T&R
IC102	8-759-011-63	s	IC MC74HC4051F
IC103	8-759-011-63	s	IC MC74HC4051F
IC104	8-759-011-63	s	IC MC74HC4051F
IC201	8-759-440-65	s	IC TLC1541IDWR
IC202	8-759-440-66	s	IC AD7943BR-REEL
IC203	8-759-908-16	s	IC TL072CPS
IC204	8-759-064-92	s	IC NJM5532M-D
IC205	8-759-711-58	s	IC NJM78L05UA
Q101	8-729-904-86	s	TRANSISTOR 2SB1197K-Q
Q102	8-729-904-86	s	TRANSISTOR 2SB1197K-Q
Q103	8-729-904-86	s	TRANSISTOR 2SB1197K-Q
Q104	8-729-904-86	s	TRANSISTOR 2SB1197K-Q
R101	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R102	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R103	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R104	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R105	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R106	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R107	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R108	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R109	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R110	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R111	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R112	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W

(IF-535 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R113	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R114	1-216-061-00	s	METAL, CHIP 3.3K 5% 1/10W
R115-137	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R138	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R139	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R140	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R141	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R201	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R202	1-216-017-91	s	CHIP 47 5% 1/10W
R203	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R204	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R205	1-216-017-91	s	CHIP 47 5% 1/10W
R206	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R207	1-216-017-91	s	CHIP 47 5% 1/10W
R208	1-216-097-91	s	CHIP 100K 5% 1/10W
RB101	1-239-307-11	s	ARRAY, CHIP 22KX8
RB102	1-239-307-11	s	ARRAY, CHIP 22KX8
RB103	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7kx8

IF-536 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
7pcs	A-8311-608-A	o	MOUNTED CIRCUIT BOARD, IF-536
(This assembly includes the following parts.)			
C101	1-126-935-11	s	ELECT 470uF 20% 16V
C102	1-163-038-91	s	CERAMIC 0.1uF 25V
C103	1-126-935-11	s	ELECT 470uF 20% 16V
C104	1-163-038-91	s	CERAMIC 0.1uF 25V
C201	1-126-936-11	s	ELECT 3300uF 20% 16V
C202	1-163-038-91	s	CERAMIC 0.1uF 25V
C203	1-126-936-11	s	ELECT 3300uF 20% 16V
C204	1-163-038-91	s	CERAMIC 0.1uF 25V
CN101	1-569-577-21	s	CONNECTOR, D-SUB 15P, FEMALE
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN201	1-506-474-11	o	CONNECTOR 9P, MALE
CN202	1-506-468-11	s	CONNECTOR 3P, MALE
CN401	1-506-470-11	s	CONNECTOR 5P, MALE
DD201	1-473-471-11	s	CONVERTER UNIT, DC-DC
L201	1-406-671-51	s	COIL, CHOKE 1.0MMH

IF-581B BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-614-A	o	MOUNTED CIRCUIT BOARD, IF-581B
(This assembly includes the following parts.)			
2pcs	7-682-545-04	s	SCREW +B 3X4
2pcs	7-682-547-04	s	SCREW +B 3X6
C1-9	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C10	1-163-038-91	s	CERAMIC 0.1uF 25V
C11	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C12	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C13-43	1-163-038-91	s	CERAMIC 0.1uF 25V
CN2	1-779-401-11	o	SOCKET, CONNECTOR (HALF PITCH) 80P
CNI2	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI5	1-526-652-21	o	SOCKET, IC 8P
CNI17	1-251-349-11	o	SOCKET, IC (PLCC) 28P
D1	8-719-055-87	s	DIODE U1BC44
E1	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
IC1	8-759-342-94	s	IC IDT71256SA20Y
IC2	8-759-467-56	o	IC DECODE-V2.0
IC3	8-759-342-94	s	IC IDT71256SA20Y
IC4	8-759-342-94	s	IC IDT71256SA20Y
IC5	8-759-467-57	o	IC PCIROM-V2.0
IC6	8-759-468-06	s	IC PCI9060-3A
IC7	8-759-342-94	s	IC IDT71256SA20Y
IC8-15	8-759-440-78	s	IC SN74CBT3345PW-E05
IC16	8-759-367-01	s	IC LT1117CST-3.3-TR
IC17	8-759-467-58	o	IC BUSCONF-V2.0
IC18	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC19	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC20	8-759-440-75	s	IC CDC341NS-E05
R1	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R2	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R3	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R4	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W
R5	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R7	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R8	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R9	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
RB1	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB2	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB3-10	1-239-409-11	s	NETWORK, CHIP 47X4 5%
TP1-7	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)

IF-712 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8317-357-A	o	MOUNTED CICRCUIT BOARD, IF-712
(This assembly includes the following parts.)			
C101	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C102	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C103	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C104	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C107	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C155	1-126-934-11	s	ELECT 220uF 20% 16V
C156	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C157	1-126-767-11	s	ELECT 1000uF 20% 16V
C158	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C159	1-126-767-11	s	ELECT 1000uF 20% 16V
C160	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C201	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C202	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C203	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C204	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C205	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C206	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C207	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C208	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C209	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C210	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C211	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C401	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C402	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C403	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C404	1-115-339-11	s	CERAMIC 0.1uF 10% 50V
C405	1-115-339-11	s	CERAMIC 0.1uF 10% 50V
C406	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C407	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C408	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C409	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C410	1-126-934-11	s	ELECT 220uF 20% 16V
C411	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C412	1-163-231-11	s	CERAMIC 15PF 5% 50V
C413	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C414	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C415	1-163-133-00	s	CERAMIC, CHIP 470PF 5% 50V
C416	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C417	1-163-133-00	s	CERAMIC, CHIP 470PF 5% 50V
C418	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C419	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C420	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C501	1-115-339-11	s	CERAMIC 0.1uF 10% 50V
C502	1-104-760-11	s	CERAMIC 0.047uF 10% 50V
C503	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C504	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C505	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C506	1-130-499-00	s	MYLAR 0.22uF 5% 50V
C507	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C508	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C509	1-126-401-11	s	ELECT, CHIP 1uF 20% 50V
C510	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V

(IF-712 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C511	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C512	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C513	1-115-339-11	s	CERAMIC 0.1uF 10% 50V
C514	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C515	1-163-259-91	s	CERAMIC 220PF 5% 50V
C517	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C519	1-163-259-91	s	CERAMIC 220PF 5% 50V
C520	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C521	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C522	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C523	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C524	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C525	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C526	1-107-823-11	s	CERAMIC 0.47uF 10% 16V
C527	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C528	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C601	1-115-339-11	s	CERAMIC 0.1uF 10% 50V
C602	1-104-760-11	s	CERAMIC 0.047uF 10% 50V
C603	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C604	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C605	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C606	1-130-499-00	s	MYLAR 0.22uF 5% 50V
C607	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C608	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C609	1-126-401-11	s	ELECT, CHIP 1uF 20% 50V
C610	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C611	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C612	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C613	1-115-339-11	s	CERAMIC 0.1uF 10% 50V
C614	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C615	1-163-259-91	s	CERAMIC 220PF 5% 50V
C617	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C619	1-163-259-91	s	CERAMIC 220PF 5% 50V
C620	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C621	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C622	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C623	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C624	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C625	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C626	1-107-823-11	s	CERAMIC 0.47uF 10% 16V
C627	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C628	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
CN101	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN103	1-580-838-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN104	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN301	1-569-379-11	o	CONNECTOR, TX 40P, MALE
CN302	1-568-064-11	o	CONNECTOR, TX 50P, MALE
CN303	1-569-379-11	o	CONNECTOR, TX 40P, MALE
CN501	1-566-311-11	s	CONNECTOR, 10P, MALE
CNI201	1-251-271-11	o	SOCKET, IC
CNI202	1-251-271-11	o	SOCKET, IC
CNI203	1-251-271-11	o	SOCKET, IC
D401	8-719-059-51	s	DIODE MA3J142E0LSO
D501	8-719-989-00	s	DIODE DA221
D502	8-719-029-30	s	DIODE BAS16-215
D503	8-719-029-30	s	DIODE BAS16-215
D504	8-719-989-00	s	DIODE DA221

(IF-712 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D505	8-719-976-99	s	DIODE UTZ5.1B
D601	8-719-989-00	s	DIODE DA221
D602	8-719-029-30	s	DIODE BAS16-215
D603	8-719-029-30	s	DIODE BAS16-215
D604	8-719-989-00	s	DIODE DA221
D605	8-719-976-99	s	DIODE UTZ5.1B
IC101	8-759-926-77	s	IC SN74HC541ANS
IC102	8-759-926-77	s	IC SN74HC541ANS
IC103	8-759-926-77	s	IC SN74HC541ANS
IC104	8-759-239-92	s	IC TC74HC07AF
IC107	8-759-926-77	s	IC SN74HC541ANS
IC201	8-759-495-87	o	IC 22V10B-SPMF-AS-V1.0
IC202	8-759-495-88	o	IC 22V10B-SPMF-D0-V1.0
IC203	8-759-437-88	o	IC 26CV12-FDR-TS-V1.0
IC204	8-759-011-63	s	IC MC74HC4051F
IC205	8-759-011-63	s	IC MC74HC4051F
IC206	8-759-926-77	s	IC SN74HC541ANS
IC207	8-759-973-72	s	IC SN74LS07NS
IC208	8-759-560-90	s	IC MM5450BV-T&R
IC401	8-759-560-90	s	IC MM5450BV-T&R
IC402	8-759-011-63	s	IC MC74HC4051F
IC403	8-759-711-58	s	IC NJM78L05UA
IC404	8-759-064-92	s	IC NJM5532M-D
IC405	8-759-440-65	s	IC TLC1541IDWR
IC406	8-759-440-66	s	IC AD7943BR-REEL
IC407	8-759-440-66	s	IC AD7943BR-REEL
IC408	8-759-908-16	s	IC TL072CPS
IC501	8-759-908-16	s	IC TL072CPS
IC502	8-759-923-69	s	IC TL074CNS
IC503	8-759-923-69	s	IC TL074CNS
IC504	8-759-239-94	s	IC TC74HCT08AF
IC505	8-759-240-03	s	IC TC74HCT32AF(EL)
IC506	8-759-233-66	s	IC TC74HCT04AF
IC601	8-759-908-16	s	IC TL072CPS
IC602	8-759-923-69	s	IC TL074CNS
IC603	8-759-923-69	s	IC TL074CNS
IC604	8-759-239-94	s	IC TC74HCT08AF
IC605	8-759-240-03	s	IC TC74HCT32AF(EL)
IC606	8-759-233-66	s	IC TC74HCT04AF
Q201	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q202	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q501	8-729-232-81	s	TRANSISTOR 2SJ107-GR
Q502	8-729-232-81	s	TRANSISTOR 2SJ107-GR
Q503	8-729-922-27	s	TRANSISTOR 2SD1758-R
Q504	8-729-921-93	s	TRANSISTOR 2SB1182F5-QR
Q505	8-729-922-27	s	TRANSISTOR 2SD1758-R
Q506	8-729-921-93	s	TRANSISTOR 2SB1182F5-QR
Q601	8-729-232-81	s	TRANSISTOR 2SJ107-GR
Q602	8-729-232-81	s	TRANSISTOR 2SJ107-GR
Q603	8-729-922-27	s	TRANSISTOR 2SD1758-R
Q604	8-729-921-93	s	TRANSISTOR 2SB1182F5-QR
Q605	8-729-922-27	s	TRANSISTOR 2SD1758-R
Q606	8-729-921-93	s	TRANSISTOR 2SB1182F5-QR
R101	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R102	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R103	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R105	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R106	1-216-009-00	s	METAL, CHIP 22 5% 1/10W

(IF-712 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R107	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R108	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R109	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R110	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R111	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R112	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R113	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R114	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R115	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R116	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R117	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R118	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R119	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R120	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R121	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R122	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R123	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R124	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R125	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R126	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R127	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R144	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R145	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R146	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R148	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R149	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R158	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R159	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R201	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R202	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R203	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R204	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R205	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R206	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R207	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R208	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R209	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R210	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R211	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R301	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R302	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R303	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R304	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R305	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R306	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R307	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R308	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R309	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R310	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R311	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R312	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R313	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R314	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R315	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R316	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R317	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R318	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R319	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R320	1-216-009-00	s	METAL, CHIP 22 5% 1/10W

(IF-712 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R321	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R322	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R323	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R324	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R325	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R326	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R327	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R328	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R329	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R330	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R331	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R332	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R333	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R334	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R335	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R336	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R337	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R338	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R339	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R340	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R341	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R342	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R343	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R344	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R345	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R346	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R347	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R348	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R349	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R350	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R401	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R402	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R403	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R404	1-216-097-91	s	CHIP 100K 5% 1/10W
R405	1-216-097-91	s	CHIP 100K 5% 1/10W
R406	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R407	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R408	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R409	1-216-017-91	s	CHIP 47 5% 1/10W
R410	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R411	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R412	1-216-017-91	s	CHIP 47 5% 1/10W
R413	1-216-017-91	s	CHIP 47 5% 1/10W
R414	1-216-017-91	s	CHIP 47 5% 1/10W
R501	1-216-097-91	s	CHIP 100K 5% 1/10W
R502	1-216-097-91	s	CHIP 100K 5% 1/10W
R503	1-216-017-91	s	CHIP 47 5% 1/10W
R504	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R505	1-216-093-00	s	METAL, CHIP 68K 5% 1/10W
R506	1-218-367-11	s	METAL 10K 0.10% 1/10W
R508	1-216-097-91	s	CHIP 100K 5% 1/10W
R509	1-218-367-11	s	METAL 10K 0.10% 1/10W
R510	1-218-367-11	s	METAL 10K 0.10% 1/10W
R511	1-218-367-11	s	METAL 10K 0.10% 1/10W
R512	1-218-367-11	s	METAL 10K 0.10% 1/10W
R513	1-218-367-11	s	METAL 10K 0.10% 1/10W
R514	1-216-121-91	s	CHIP 1.0M 5% 1/10W
R515	1-218-759-11	s	METAL 200K 0.50% 1/10W
R516	1-220-352-11	s	RESCHIP 4.7M 5% 1/4W

(IF-712 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R517	1-216-017-91	s	CHIP 47 5% 1/10W
R518	1-216-001-00	s	METAL, CHIP 10 5% 1/10W
R519	1-216-017-91	s	CHIP 47 5% 1/10W
R520	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R521	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R522	1-218-759-11	s	METAL 200K 0.50% 1/10W
R523	1-220-352-11	s	RESCHIP 4.7M 5% 1/4W
R524	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R525	1-216-101-00	s	METAL, CHIP 150K 5% 1/10W
R526	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R527	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R528	1-216-129-00	s	METAL, CHIP 2.2M 5% 1/10W
R529	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R530	1-215-931-51	s	METAL 15 5% 5W
R601	1-216-097-91	s	CHIP 100K 5% 1/10W
R602	1-216-097-91	s	CHIP 100K 5% 1/10W
R603	1-216-017-91	s	CHIP 47 5% 1/10W
R604	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R605	1-216-093-00	s	METAL, CHIP 68K 5% 1/10W
R606	1-218-367-11	s	METAL 10K 0.10% 1/10W
R608	1-216-097-91	s	CHIP 100K 5% 1/10W
R609	1-218-367-11	s	METAL 10K 0.10% 1/10W
R610	1-218-367-11	s	METAL 10K 0.10% 1/10W
R611	1-218-367-11	s	METAL 10K 0.10% 1/10W
R612	1-218-367-11	s	METAL 10K 0.10% 1/10W
R613	1-218-367-11	s	METAL 10K 0.10% 1/10W
R614	1-216-121-91	s	CHIP 1.0M 5% 1/10W
R615	1-218-759-11	s	METAL 200K 0.50% 1/10W
R616	1-220-352-11	s	RESCHIP 4.7M 5% 1/4W
R617	1-216-017-91	s	CHIP 47 5% 1/10W
R618	1-216-001-00	s	METAL, CHIP 10 5% 1/10W
R619	1-216-017-91	s	CHIP 47 5% 1/10W
R620	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R621	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R622	1-218-759-11	s	METAL 200K 0.50% 1/10W
R623	1-220-352-11	s	RESCHIP 4.7M 5% 1/4W
R624	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R625	1-216-101-00	s	METAL, CHIP 150K 5% 1/10W
R626	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R627	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R628	1-216-129-00	s	METAL, CHIP 2.2M 5% 1/10W
R629	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R630	1-215-931-51	s	METAL 15 5% 5W
RB101	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB102	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB103	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB104	1-239-303-11	s	RESISTOR BLOCK, CHIP 1.0kx8
RB107	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB201	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7kx8
RB202	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7kx8
RB401	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB402	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7kx8
S201	1-771-245-11	s	SWITCH, ROTARY

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IF-725 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8318-290-A	o	MOUNTED CIRCUIT BOARD, IF-725
(This assembly includes the following parts.)			
C101	1-126-934-11	s	ELECT 220uF 20% 16V
C201	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C202	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C301	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C302	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C303	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C304	1-163-137-00	s	CERAMIC, CHIP 680PF 5% 50V
C305	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
CN101	1-569-379-11	o	CONNECTOR, TX 40P, MALE
CN102	1-580-340-21	o	CONNECTOR, PC BOARD (PLUG) 80P, MAL
CN401	1-508-910-00	o	PIN, CONNECTOR 12P
CN402	1-566-311-11	s	CONNECTOR, 10P, MALE
D301	8-719-989-00	s	DIODE DA221
D302	8-719-029-30	s	DIODE BAS16-215
IC201	8-759-560-90	s	IC MM5450BV-T&R
IC301	8-759-925-90	s	IC SN74HC74ANS
IC302	8-759-240-03	s	IC TC74HCT32AF(EL)
IC303	8-759-233-66	s	IC TC74HCT04AF
Q301	8-729-200-86	s	TRANSISTOR 2SC2714-O
R201	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R202	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R203	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R204	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R301	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R302	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R303	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R304	1-216-101-00	s	METAL, CHIP 150K 5% 1/10W
R305	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R306	1-216-121-91	s	CHIP 1.0M 5% 1/10W

LED-136 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	1-646-196-11	o	PRINTED CIRCUIT BOARD, LED-136
CN1	1-784-346-11	o	HEADER, ILG CONNECTOR POST 14P
D3-7	8-719-800-26	s	DIODE TLUG164
R3	1-260-101-11	s	CARBON 1.5K 5% 1/2W
R4	1-260-101-11	s	CARBON 1.5K 5% 1/2W
R5	1-260-101-11	s	CARBON 1.5K 5% 1/2W
R6	1-260-094-11	s	CARBON 390 5% 1/2W
R7	1-260-092-11	s	CARBON 270 5% 1/2W

MB-625 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
8pcs	A-8311-607-A	o	MOUNTED CIRCUIT BOARD, MB-625
(This assembly includes the following parts.)			
8pcs	3-682-419-11	o	HOLDER, P.C.B
C102	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C105	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C106	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C155	1-126-934-11	s	ELECT 220uF 20% 16V
C156	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C302	1-124-234-00	s	ELECT 22uF 20% 16V
C303	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C304	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C305	1-124-234-00	s	ELECT 22uF 20% 16V
C306	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C307	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN301	1-560-357-11	o	CONNECTOR, ILG (3P), MALE
CN302	1-560-357-11	o	CONNECTOR, ILG (3P), MALE
CN401 -408	1-561-115-00	s	SOCKET, CONNECTOR 6P
CN501	1-560-357-11	o	CONNECTOR, ILG (3P), MALE
CN502	1-560-357-11	o	CONNECTOR, ILG (3P), MALE
CNI201	1-251-349-11	o	SOCKET, IC (PLCC) 28P
IC102	8-759-926-77	s	IC SN74HC541ANS
IC105	8-759-926-77	s	IC SN74HC541ANS
IC106	8-759-926-77	s	IC SN74HC541ANS
IC201	8-759-437-85	o	IC 22V10B-MET-D0-V1.0
IC301	8-759-989-91	s	IC TL7705ACPS
IC302	8-759-989-91	s	IC TL7705ACPS
IC303	8-759-925-80	s	IC SN74HC14ANS
Q302	8-729-820-07	s	TRANSISTOR 2SD1685-G
Q304	8-729-820-07	s	TRANSISTOR 2SD1685-G
R101	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R111	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R112	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R124-143	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R201	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R202	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R301	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R302	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R303	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R304	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R307	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R308	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R309	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R310	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R313	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R314	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R315	1-216-097-91	s	CHIP 100K 5% 1/10W

(MB-625 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R316	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R317	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R401-432	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
RB102	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB105	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB106	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
S201	1-771-245-11	s	SWITCH, ROTARY
S301	1-571-760-11	s	SWITCH, PUSH

PSW-34 BOARD

Ref. No. or Q'ty		Part No.	SP	Description
2pcs		A-8311-605-A	o	MOUNTED CIRCUIT BOARD, PSW-34
(This assembly includes the following parts.)				
2pcs		1-533-183-11	s	HOLDER, FUSE
C101	⚠	1-115-166-11	s	FILM 0.22uF 20% 275V
C102	⚠	1-104-708-11	s	FILM 0.47uF 20% 275V
C103	⚠	1-113-907-51	s	CERAMIC 0.0022uF 20% 250V
C104		1-117-227-11	s	FILM 1uF 10% 450V
C105		1-125-601-11	s	ELECT 470uF 20% 450V
C106		1-125-601-11	s	ELECT 470uF 20% 450V
C108		1-161-485-00	s	CERAMIC 0.1uF 50V
C109		1-164-375-11	s	CERAMIC 1.2uF 10% 50V
C110		1-164-375-11	s	CERAMIC 1.2uF 10% 50V
C111		1-164-375-11	s	CERAMIC 1.2uF 10% 50V
C112	⚠	1-113-907-51	s	CERAMIC 0.0022uF 20% 250V
C113 -118		1-136-169-00	s	MYLAR 0.22uF 5% 50V
C119		1-126-943-11	s	ELECT 2200uF 20% 25V
C120		1-126-943-11	s	ELECT 2200uF 20% 25V
C121		1-126-942-61	s	ELECT 1000uF 20% 25V
C122		1-126-942-61	s	ELECT 1000uF 20% 25V
C123		1-161-485-00	s	CERAMIC 0.1uF 50V
C124		1-161-485-00	s	CERAMIC 0.1uF 50V
C125		1-161-485-00	s	CERAMIC 0.1uF 50V
C126		1-113-907-51	s	CERAMIC 0.0022uF 20% 250V
C127		1-113-907-51	s	CERAMIC 0.0022uF 20% 250V
C128		1-113-907-51	s	CERAMIC 0.0022uF 20% 250V
C129		1-161-485-00	s	CERAMIC 0.1uF 50V
C130		1-126-941-11	s	ELECT 470uF 20% 25V
CN3		1-535-419-00	o	TAB, FASTEN (PCB)
CN101		1-560-357-11	o	CONNECTOR, ILG (3P), MALE
CN102		1-560-357-11	o	CONNECTOR, ILG (3P), MALE
CN103		1-560-357-11	o	CONNECTOR, ILG (3P), MALE
CP101	⚠	1-468-153-11	s	REGULATOR, SWITCHING
CP102	⚠	1-466-411-11	s	CONVERTER, DC-DC
CP103	⚠	1-466-411-11	s	CONVERTER, DC-DC
CP104	⚠	1-466-411-21	s	CONVERTER UNIT, DC-DC
CP105	⚠	1-475-299-11	o	CONVERTER UNIT, DC-DC
D101		8-719-920-76	s	DIODE 1SS119-25
D102		8-719-920-76	s	DIODE 1SS119-25
D103		8-719-987-87	s	DIODE ERA85-009
D104		8-719-987-87	s	DIODE ERA85-009
D105		8-719-987-87	s	DIODE ERA85-009
D106		8-719-109-85	s	DIODE RD5.1ES-B2
F101	⚠	1-576-048-11	s	FUSE, GLASS TUBE 10A 125V
F102	⚠	1-533-708-11	s	FUSE 3A 250V
F103	⚠	1-533-708-11	s	FUSE 3A 250V
F104	⚠	1-533-708-11	s	FUSE 3A 250V
F105	⚠	1-533-708-11	s	FUSE 3A 250V
LF101	⚠	1-421-779-11	s	FILTER, LINE
LF102		1-416-371-11	o	COIL, SN 51uH
LF103		1-416-371-11	o	COIL, SN 51uH
PC101		8-719-156-72	s	PHOTO COUPLER PS2501-1-K
Q101		8-729-041-20	s	TRANSISTOR 2SC2002-T-K
Q102		8-729-041-20	s	TRANSISTOR 2SC2002-T-K
Q103		8-729-041-20	s	TRANSISTOR 2SC2002-T-K
R101	⚠	1-260-135-11	s	CARBON 1M 5% 1/2W

(PSW-34 BOARD)

Ref. No. or Q'ty		Part No.	SP	Description
R102	⚠	1-217-784-11	s	WIREWOUND (FUSE) 10 5% 5W
R104		1-249-496-11	s	CARBON 100K 5% 1/2W
R105		1-249-496-11	s	CARBON 100K 5% 1/2W
R106		1-249-429-11	s	CARBON 10K 5% 1/4W
R107		1-249-431-11	s	CARBON 15K 5% 1/4W
R108		1-249-431-11	s	CARBON 15K 5% 1/4W
R109		1-249-431-11	s	CARBON 15K 5% 1/4W
R110		1-249-422-11	s	CARBON 2.7K 5% 1/4W
R111		1-249-429-11	s	CARBON 10K 5% 1/4W
R112		1-249-411-11	s	CARBON 330 5% 1/4W
R113		1-247-863-91	s	CARBON 22K 5% 1/4W
R114		1-247-863-91	s	CARBON 22K 5% 1/4W
R115		1-247-870-11	s	CARBON 43K 5% 1/4W
R116		1-247-860-11	s	CARBON 16K 5% 1/4W
R117		1-247-876-11	s	CARBON 75K 5% 1/4W
R118		1-247-860-11	s	CARBON 16K 5% 1/4W
R119	⚠	1-217-784-11	s	WIREWOUND (FUSE) 10 5% 5W
R121		1-215-907-11	s	METAL 22 5% 3W
RV101		1-241-764-11	s	RES, ADJ METAL 10k
RV102		1-241-764-11	s	RES, ADJ METAL 10k
RV103		1-241-764-11	s	RES, ADJ METAL 10k
W101	⚠	1-535-705-11	s	INSERT, POWER
W102	⚠	1-535-705-11	s	INSERT, POWER
W103-114		1-535-705-11	s	INSERT, POWER

PSW-35 BOARD

Ref. No. or Q'ty		Part No.	SP	Description
2pcs		A-8311-606-A	o	MOUNTED CIRCUIT BOARD, PSW-35
(This assembly includes the following parts.)				
2pcs		1-533-183-11	s	HOLDER, FUSE
C201		1-115-166-11	s	FILM 0.22uF 20% 275V
C202	⚠	1-104-708-11	s	FILM 0.47uF 20% 275V
C203	⚠	1-113-907-51	s	CERAMIC 0.0022uF 20% 250V
C204		1-117-227-11	s	FILM 1uF 10% 450V
C205		1-125-601-11	s	ELECT 470uF 20% 450V
C206		1-125-601-11	s	ELECT 470uF 20% 450V
C208		1-161-485-00	s	CERAMIC 0.1uF 50V
C209		1-164-375-11	s	CERAMIC 1.2uF 10% 50V
C210		1-164-375-11	s	CERAMIC 1.2uF 10% 50V
C211	⚠	1-113-907-51	s	CERAMIC 0.0022uF 20% 250V
C212		1-136-169-00	s	MYLAR 0.22uF 5% 50V
C213		1-136-169-00	s	MYLAR 0.22uF 5% 50V
C214		1-136-169-00	s	MYLAR 0.22uF 5% 50V
C215		1-136-169-00	s	MYLAR 0.22uF 5% 50V
C216		1-126-942-61	s	ELECT 1000uF 20% 25V
C217		1-126-942-61	s	ELECT 1000uF 20% 25V
C218		1-126-942-61	s	ELECT 1000uF 20% 25V
C219		1-126-942-61	s	ELECT 1000uF 20% 25V
C220		1-161-485-00	s	CERAMIC 0.1uF 50V
C221		1-161-485-00	s	CERAMIC 0.1uF 50V
C222		1-113-907-51	s	CERAMIC 0.0022uF 20% 250V
C223		1-113-907-51	s	CERAMIC 0.0022uF 20% 250V
C224		1-161-485-00	s	CERAMIC 0.1uF 50V
C225		1-126-941-11	s	ELECT 470uF 20% 25V
CN1	⚠	1-535-419-00	o	TAB, FASTEN (PCB)
CN201		1-560-357-11	o	CONNECTOR, ILG (3P), MALE
CN202		1-560-357-11	o	CONNECTOR, ILG (3P), MALE
CP201	⚠	1-468-153-11	s	REGULATOR, SWITCHING
CP202	⚠	1-466-411-21	s	CONVERTER UNIT, DC-DC
CP203	⚠	1-475-299-11	o	CONVERTER UNIT, DC-DC
CP204	⚠	1-473-739-11	s	CONVERTER UNIT, DC-DC
CP205	⚠	1-475-298-11	o	CONVERTER UNIT, DC-DC
D201		8-719-920-76	s	DIODE 1SS119-25
D202		8-719-920-76	s	DIODE 1SS119-25
D203		8-719-987-87	s	DIODE ERA85-009
D204		8-719-987-87	s	DIODE ERA85-009
D206		8-719-109-85	s	DIODE RD5.1ES-B2
F201	⚠	1-576-048-11	s	FUSE, GLASS TUBE 10A 125V
F202	⚠	1-533-708-11	s	FUSE 3A 250V
F203	⚠	1-533-708-11	s	FUSE 3A 250V
F204	⚠	1-533-708-11	s	FUSE 3A 250V
F205	⚠	1-533-708-11	s	FUSE 3A 250V
LF201	⚠	1-421-779-11	s	FILTER, LINE
LF202		1-416-371-11	o	COIL, SN 51uH
LF203		1-416-371-11	o	COIL, SN 51uH
PC201		8-719-156-72	s	PHOTO COUPLER PS2501-1-K
Q201		8-729-041-20	s	TRANSISTOR 2SC2002-T-K
Q202		8-729-041-20	s	TRANSISTOR 2SC2002-T-K
Q203		8-729-041-20	s	TRANSISTOR 2SC2002-T-K
R201		1-260-135-11	s	CARBON 1M 5% 1/2W
R202	⚠	1-217-784-11	s	WIREWOUND (FUSE) 10 5% 5W
R204		1-249-496-11	s	CARBON 100K 5% 1/2W
R205		1-249-496-11	s	CARBON 100K 5% 1/2W
R206		1-249-429-11	s	CARBON 10K 5% 1/4W

(PSW-35 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R207	1-249-431-11	s	CARBON 15K 5% 1/4W
R208	1-249-431-11	s	CARBON 15K 5% 1/4W
R209	1-249-431-11	s	CARBON 15K 5% 1/4W
R210	1-249-422-11	s	CARBON 2.7K 5% 1/4W
R211	1-249-429-11	s	CARBON 10K 5% 1/4W
R212	1-249-411-11	s	CARBON 330 5% 1/4W
R213	1-247-876-11	s	CARBON 75K 5% 1/4W
R214	1-247-860-11	s	CARBON 16K 5% 1/4W
R215	1-247-876-11	s	CARBON 75K 5% 1/4W
R216	1-247-860-11	s	CARBON 16K 5% 1/4W
R217 ⚠	1-217-784-11	s	WIREWOUND (FUSE) 10 5% 5W
RV201	1-241-764-11	s	RES, ADJ METAL 10k
RV202	1-241-764-11	s	RES, ADJ METAL 10k
W201 ⚠	1-535-705-11	s	INSERT, POWER
W202 ⚠	1-535-705-11	s	INSERT, POWER
W203-214	1-535-705-11	s	INSERT, POWER

SCC-4 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-603-A	o	MOUNTED CIRCUIT BOARD, SCC-4
(This assembly includes the following parts.)			
2pcs	7-621-770-87	s	SCREW +B 2.6X5
C1	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C2	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C3-14	1-163-038-91	s	CERAMIC 0.1uF 25V
C15	1-104-610-11	s	ELECT 47uF 20% 4V
C16-21	1-163-038-91	s	CERAMIC 0.1uF 25V
C22	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C23-28	1-163-038-91	s	CERAMIC 0.1uF 25V
C29	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C30	1-104-610-11	s	ELECT 47uF 20% 4V
C31-36	1-163-038-91	s	CERAMIC 0.1uF 25V
C37	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C38	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C39-50	1-163-038-91	s	CERAMIC 0.1uF 25V
C51	1-104-610-11	s	ELECT 47uF 20% 4V
C52-66	1-163-038-91	s	CERAMIC 0.1uF 25V
C67	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C68	1-163-038-91	s	CERAMIC 0.1uF 25V
C69	1-163-038-91	s	CERAMIC 0.1uF 25V
C70	1-163-038-91	s	CERAMIC 0.1uF 25V
C71	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C72-77	1-163-038-91	s	CERAMIC 0.1uF 25V
C78	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C79-96	1-163-038-91	s	CERAMIC 0.1uF 25V
C97	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C98	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C99-104	1-163-038-91	s	CERAMIC 0.1uF 25V
C105	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C106-354	1-163-038-91	s	CERAMIC 0.1uF 25V
CN1	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN2	1-573-714-11	o	HEADER, CONNECTOR 20P, MALE
CN3	1-573-714-11	o	HEADER, CONNECTOR 20P, MALE
CN4	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN5	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN6	1-779-400-11	o	SOCKET, CONNECTOR (HALF PITCH) 80P
CN7	1-573-714-11	o	HEADER, CONNECTOR 20P, MALE
CN8	1-573-714-11	o	HEADER, CONNECTOR 20P, MALE
CN9	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN10	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN11	1-573-714-11	o	HEADER, CONNECTOR 20P, MALE
CN12	1-573-714-11	o	HEADER, CONNECTOR 20P, MALE
CN13	1-779-657-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN14	1-573-714-11	o	HEADER, CONNECTOR 20P, MALE
CN15	1-770-043-11	o	HEADDER, FLAT CABLE 68P

(SCC-4 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CN16	1-560-364-00	o	CONNECTOR, ILG (2P), MALE
CNI76	1-526-652-21	o	SOCKET, IC 8P
CNI151	1-526-652-21	o	SOCKET, IC 8P
CNI161	1-251-352-11	o	SOCKET, IC (PLCC) 68P
CNI201	1-251-352-11	o	SOCKET, IC (PLCC) 68P
CNI209	1-526-652-21	o	SOCKET, IC 8P
D1	8-719-974-41	s	LED HLMP-6500-010, GRN
D2	8-719-974-41	s	LED HLMP-6500-010, GRN
D3	8-719-055-87	s	DIODE U1BC44
E1	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E2	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E3	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E4	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
IC1-8	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC9	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC10	8-759-342-94	s	IC IDT71256SA20Y
IC11-16	8-759-454-09	s	IC MC74HC597AFEL
IC17	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC18	8-759-443-63	s	IC IDT7200L25SO-TL
IC19	8-759-422-31	s	IC IDT7024S35PF
IC20	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC21	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC22	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC23	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC24	8-759-367-01	s	IC LT1117CST-3.3-TR
IC25-30	8-759-454-09	s	IC MC74HC597AFEL
IC31	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC32	8-759-440-64	s	IC XC3090A-7PQ160C
IC33	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC34	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC35	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC36	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC37-42	8-759-454-09	s	IC MC74HC597AFEL
IC43	8-759-443-63	s	IC IDT7200L25SO-TL
IC44	8-759-422-31	s	IC IDT7024S35PF
IC45	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC46	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC47	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC48	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC49	8-759-276-35	s	IC ADM202JRN
IC50	8-759-440-75	s	IC CDC341NS-E05
IC51	8-759-440-81	s	IC IDT74FCT3807APY-TL
IC52	8-759-386-34	s	IC SN74ABT16245ADLR
IC53-58	8-759-454-09	s	IC MC74HC597AFEL
IC59	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC60	8-759-443-63	s	IC IDT7200L25SO-TL
IC61	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC62	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC63	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC64	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC65	8-759-440-78	s	IC SN74CBT3345PW-E05
IC66-71	8-759-454-09	s	IC MC74HC597AFEL

(SCC-4 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC72	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC73	8-759-443-63	s	IC IDT7200L25SO-TL
IC74	8-759-422-31	s	IC IDT7024S35PF
IC75	8-759-190-79	s	IC UPD72001GC-11-3B6
IC76	8-759-437-91	o	IC XC1765DPD8C-S4100
IC77	8-759-386-34	s	IC SN74ABT16245ADLR
IC78	8-759-342-94	s	IC IDT71256SA20Y
IC79	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC80	8-759-440-78	s	IC SN74CBT3345PW-E05
IC81	8-759-440-78	s	IC SN74CBT3345PW-E05
IC82-89	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC90	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC91	8-759-443-63	s	IC IDT7200L25SO-TL
IC92	8-759-422-31	s	IC IDT7024S35PF
IC93	8-759-440-78	s	IC SN74CBT3345PW-E05
IC94	8-759-440-78	s	IC SN74CBT3345PW-E05
IC95-100	8-759-454-09	s	IC MC74HC597AFEL
IC101	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC102	8-759-440-64	s	IC XC3090A-7PQ160C
IC103 -108	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC109	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC110 -115	8-759-454-09	s	IC MC74HC597AFEL
IC116	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC117	8-759-443-63	s	IC IDT7200L25SO-TL
IC118	8-759-422-31	s	IC IDT7024S35PF
IC119 -123	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC124	8-759-276-35	s	IC ADM202JRN
IC125	8-759-440-76	s	IC SN74ABT2952APW-E05
IC126	8-759-440-76	s	IC SN74ABT2952APW-E05
IC127 -132	8-759-454-09	s	IC MC74HC597AFEL
IC133	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC134	8-759-443-63	s	IC IDT7200L25SO-TL
IC135 -139	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC140	8-759-386-34	s	IC SN74ABT16245ADLR
IC141	8-759-386-34	s	IC SN74ABT16245ADLR
IC142 -147	8-759-454-09	s	IC MC74HC597AFEL
IC148	8-759-443-63	s	IC IDT7200L25SO-TL
IC149	8-759-422-31	s	IC IDT7024S35PF
IC150	8-759-190-79	s	IC UPD72001GC-11-3B6
IC151	8-759-437-91	o	IC XC1765DPD8C-S4100
IC152	8-759-989-91	s	IC TL7705ACPS
IC153 -158	8-759-454-09	s	IC MC74HC597AFEL
IC159	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC160	8-759-342-94	s	IC IDT71256SA20Y
IC161	8-759-437-89	o	IC PLSI1024-SCAN-MAS-V1.0
IC162 -169	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC170	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC171	8-759-443-63	s	IC IDT7200L25SO-TL
IC172	8-759-422-31	s	IC IDT7024S35PF
IC173	8-759-281-31	s	IC MAX483ESA
IC174	8-759-454-09	s	IC MC74HC597AFEL

(SCC-4 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
-179			
IC180	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC181	8-759-443-63	s	IC IDT7200L25SO-TL
IC182	8-759-440-64	s	IC XC3090A-7PQ160C
IC183	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC184	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC185	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC186	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC187	8-759-454-09	s	IC MC74HC597AFEL
-192			
IC193	8-759-443-63	s	IC IDT7200L25SO-TL
IC194	8-759-422-31	s	IC IDT7024S35PF
IC195	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC196	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC197	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC198	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC199	8-759-276-35	s	IC ADM202JRN
IC200	8-759-440-77	s	IC SN74ABT125PW-E05
IC201	8-759-437-90	o	IC PLSI1024-SCAN-SLA-V1.0
IC202	8-759-454-09	s	IC MC74HC597AFEL
-207			
IC208	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC209	8-759-437-91	o	IC XC1765DPD8C-S4100
IC210	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC211	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC212	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC213	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC215	8-759-454-09	s	IC MC74HC597AFEL
-220			
IC221	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC222	8-759-443-63	s	IC IDT7200L25SO-TL
IC223	8-759-422-31	s	IC IDT7024S35PF
IC224	8-759-190-79	s	IC UPD72001GC-11-3B6
IC225	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC226	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC227	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC228	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC229	8-759-435-12	s	IC 74F10SJX
IC230	8-759-454-09	s	IC MC74HC597AFEL
-235			
IC236	8-759-079-86	s	IC TC74VHCT244FS(EL)
IC237	8-759-454-09	s	IC MC74HC597AFEL
-326			
IC327	8-759-281-31	s	IC MAX483ESA
R1	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R2	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W
R3	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R4	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R5	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R6	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R7	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R8	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R9	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R10	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R11	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R12	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R13	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R14	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R15	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W

(SCC-4 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R16	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R17	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R18	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R19	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R20	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R21	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R22	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R23	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R24	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R25	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R26	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R27	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R28	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R29	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R30	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R31	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R32	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R33	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R34	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R35	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R36	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R37	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R38	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R39	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R40	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R41	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R42	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R43	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R44	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R45	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R46	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R47	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R48	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R49	1-216-629-11	s	METAL, CHIP 120 0.5% 1/10W
R50	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R51	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R52	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R53	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R54	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R55	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R56	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R57	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R58	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R59	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R60	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R61	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R62	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R63	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R64	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R65	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R66	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W
R67	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R68	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R69	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R70	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R71	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R72	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R73	1-216-629-11	s	METAL, CHIP 120 0.5% 1/10W
R74	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W

(SCC-4 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R75	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R101	1-249-416-11	s	CARBON 820 5% 1/4W
R102	1-249-416-11	s	CARBON 820 5% 1/4W
RB1-64	1-239-621-11	s	NETWORK, CHIP 22X8 5%
RB65	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB66	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB67	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB68	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB69	1-239-621-11	s	NETWORK, CHIP 22X8 5%
RB70	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB71-84	1-239-621-11	s	NETWORK, CHIP 22X8 5%
RB85	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB86	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB87	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB88-101	1-239-621-11	s	NETWORK, CHIP 22X8 5%
RB102	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB103	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB104	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB105	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB106 -112	1-239-621-11	s	NETWORK, CHIP 22X8 5%
S1	1-571-787-31	s	SWITCH, PUSH
TP1-36	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
X1	1-760-527-11	s	CRYSTAL 32.000MHz

SW-758 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
8pcs	A-8311-579-A	o	MOUNTED CIRCUIT BOARD, SW-758
(This assembly includes the following parts.)			
CN1	1-506-501-11	o	HEADER, CONNECTOR 20P, MALE
D101	8-719-059-51	s	DIODE MA3J142E0LSO
D102	8-719-059-51	s	DIODE MA3J142E0LSO
D103	8-719-059-51	s	DIODE MA3J142E0LSO
D104	8-719-059-51	s	DIODE MA3J142E0LSO
S101-108	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"

SW-759 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
8pcs	A-8311-578-A	o	MOUNTED CIRCUIT BOARD, SW-759
(This assembly includes the following parts.)			
CN1	1-562-993-11	o	CONNECTOR, FPC 30P
D101-108	8-719-059-51	s	DIODE MA3J142E0LSO
S101-108	1-771-078-31	s	SWITCH, PUSH (ILLUMINATED) "SOLO"
S109-116	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"

SW-760 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-595-A	o	MOUNTED CIRCUIT BOARD, SW-760
(This assembly includes the following parts.)			
C102	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C103	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C104	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C107	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C155	1-126-934-11	s	ELECT 220uF 20% 16V
C156	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C202	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C302	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C303	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C501	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C506	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C507	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C521	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C522	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C523	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C524	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN601	1-566-311-11	s	CONNECTOR, 10P, MALE
CNI201	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI202	1-251-349-11	o	SOCKET, IC (PLCC) 28P
D701-731	8-719-059-51	s	DIODE MA3J142E0LSO
IC102	8-759-926-77	s	IC SN74HC541ANS
IC103	8-759-926-77	s	IC SN74HC541ANS
IC104	8-759-239-92	s	IC TC74HC07AF
IC107	8-759-926-77	s	IC SN74HC541ANS
IC201	8-759-437-58	o	IC 22V10B-SELFD-AS-V1.0
IC202	8-759-437-59	o	IC 22V10B-SELFD-D0-V1.0
IC301	8-759-011-63	s	IC MC74HC4051F
IC302	8-759-011-63	s	IC MC74HC4051F
IC303	8-759-011-63	s	IC MC74HC4051F
IC501	8-759-973-72	s	IC SN74LS07NS
IC521	8-759-560-90	s	IC MM5450BV-T&R
IC522	8-759-560-90	s	IC MM5450BV-T&R
Q501	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q502	8-729-820-04	s	TRANSISTOR 2SB1140-T
R101	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R111-127	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R146	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R147	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R160	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R501	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R502	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R503	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R504	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R505	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W

(SW-760 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R506	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R521	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R522	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R601-609	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
RB102	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB103	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB104	1-239-303-11	s	RESISTOR BLOCK, CHIP 1.0kx8
RB107	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB301	1-239-307-11	s	ARRAY, CHIP 22KX8
RB302	1-239-307-11	s	ARRAY, CHIP 22KX8
RB303	1-239-307-11	s	ARRAY, CHIP 22KX8
S701	1-771-078-81	s	SWITCH, PUSH (ILLUMINATED) "SEND 1"
S702	1-771-078-91	s	SWITCH, PUSH (ILLUMINATED) "SEND 2"
S703	1-771-079-11	s	SWITCH, PUSH (ILLUMINATED) "SEND 3"
S704	1-771-079-21	s	SWITCH, PUSH (ILLUMINATED) "SEND 4"
S705	1-771-079-31	s	SWITCH, PUSH (ILLUMINATED) "SEND 5"
S706	1-771-079-41	s	SWITCH, PUSH (ILLUMINATED) "SEND 6"
S707	1-771-079-51	s	SWITCH, PUSH (ILLUMINATED) "SEND 7"
S708	1-771-079-61	s	SWITCH, PUSH (ILLUMINATED) "SEND 8"
S709	1-771-079-71	s	SWITCH, PUSH (ILLUMINATED) "SEND 9"
S710	1-771-079-81	s	SWITCH, PUSH (ILLUMINATED) "SEND 10"
S711	1-771-079-91	s	SWITCH, PUSH (ILLUMINATED) "SEND 11"
S712	1-771-080-11	s	SWITCH, PUSH (ILLUMINATED) "SEND 12"
S713	1-771-080-21	s	SWITCH, PUSH (ILLUMINATED) "SEND 13"
S714	1-771-080-31	s	SWITCH, PUSH (ILLUMINATED) "SEND 14"
S715	1-771-080-41	s	SWITCH, PUSH (ILLUMINATED) "SEND 15"
S716	1-771-080-51	s	SWITCH, PUSH (ILLUMINATED) "SEND 16"
S717	1-771-080-61	s	SWITCH, PUSH (ILLUMINATED) "SEND 17"
S718	1-771-080-71	s	SWITCH, PUSH (ILLUMINATED) "SEND 18"
S719	1-771-080-81	s	SWITCH, PUSH (ILLUMINATED) "SEND 19"
S720	1-771-080-91	s	SWITCH, PUSH (ILLUMINATED) "SEND 20"
S721	1-771-081-11	s	SWITCH, PUSH (ILLUMINATED) "SEND 21"
S722	1-771-081-21	s	SWITCH, PUSH (ILLUMINATED) "SEND 22"
S723	1-771-081-31	s	SWITCH, PUSH (ILLUMINATED) "SEND 23"
S724	1-771-081-41	s	SWITCH, PUSH (ILLUMINATED) "SEND 24"
S725	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S726	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S727	1-771-067-81	s	SWITCH, PUSH (ILLUMINATED) "SHOW VALUE"
S728	1-771-067-41	s	SWITCH, PUSH (ILLUMINATED) "INPUT GAIN"
S729	1-771-067-61	s	SWITCH, PUSH (ILLUMINATED) "GROUP TRIM"
S730	1-771-067-71	s	SWITCH, PUSH (ILLUMINATED) "M/T MON"
S731	1-771-067-51	s	SWITCH, PUSH (ILLUMINATED) "M/T SEND"
S732	1-771-067-91	s	SWITCH, PUSH (ILLUMINATED) "CHANS"
S733	1-771-068-11	s	SWITCH, PUSH (ILLUMINATED) "CHS 1-24"
S734	1-771-068-21	s	SWITCH, PUSH (ILLUMINATED) "CHS 25-48"
S735	1-771-068-31	s	SWITCH, PUSH (ILLUMINATED) "CHS 49-72"
S736	1-771-068-41	s	SWITCH, PUSH (ILLUMINATED) "CHS 73-96"
S737	1-771-068-51	s	SWITCH, PUSH (ILLUMINATED) "CHS 97-120"
S738	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S739	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S740	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S741	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S742	1-771-069-11	s	SWITCH, PUSH (ILLUMINATED) "CHS 217-240"
S743-747	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S748	1-771-069-21	s	SWITCH, PUSH (ILLUMINATED) "CHS ←"
S749	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL

(SW-760 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
S750	1-771-069-31	s	SWITCH, PUSH (ILLUMINATED) "CHS →"
S751	1-771-069-41	s	SWITCH, PUSH (ILLUMINATED) "GROUPS 1-24"
S752	1-771-069-51	s	SWITCH, PUSH (ILLUMINATED) "GROUPS 9-32"
S753	1-771-069-61	s	SWITCH, PUSH (ILLUMINATED) "SENDS 1-8"
S754	1-771-069-71	s	SWITCH, PUSH (ILLUMINATED) "SENDS 9-16"
S755	1-771-069-81	s	SWITCH, PUSH (ILLUMINATED) "SENDS 17-24"
S756	1-771-069-91	s	SWITCH, PUSH (ILLUMINATED) "SSGS 1-8"
S757	1-771-070-11	s	SWITCH, PUSH (ILLUMINATED) "SSGS 9-16"
S758	1-771-070-21	s	SWITCH, PUSH (ILLUMINATED) "GROUPS 1-8"
S759	1-771-070-31	s	SWITCH, PUSH (ILLUMINATED) "GROUPS 9-16"
S760	1-771-070-41	s	SWITCH, PUSH (ILLUMINATED) "GROUPS 17-24"
S761	1-771-070-51	s	SWITCH, PUSH (ILLUMINATED) "GROUPS 25-32"

SW-761 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
6pcs	A-8311-582-A	o	MOUNTED CIRCUIT BOARD, SW-761
(This assembly includes the following parts.)			
1pc	1-225-452-11	s	RES, ROTARY TYPE CARBON VAR 10K
1pc	1-475-156-11	s	LED, CIRCULAR
1pc	7-682-548-04	s	SCREW +B 3X8
1pc	7-684-023-04	s	N 3, TYPE 2
8pcs	3-608-279-31	s	CAP (WHITE)
C101	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C102	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C103	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C104	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C107	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C108	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C155	1-126-934-11	s	ELECT 220uF 20% 16V
C156	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C202	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C302	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C401	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C402	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C403	1-126-934-11	s	ELECT 220uF 20% 16V
C411-418	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C422	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C423	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C431-438	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C442	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C443	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C501-505	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C521-526	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C701-708	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN701	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
CNI201	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI202	1-251-349-11	o	SOCKET, IC (PLCC) 28P
D401	8-719-200-02	s	DIODE 10E2
D601-616	8-719-059-51	s	DIODE MA3J142E0LSO
D701-712	8-719-059-51	s	DIODE MA3J142E0LSO
IC101	8-759-926-77	s	IC SN74HC541ANS
IC102	8-759-926-77	s	IC SN74HC541ANS
IC103	8-759-926-77	s	IC SN74HC541ANS
IC104	8-759-239-92	s	IC TC74HC07AF
IC107	8-759-926-48	s	IC SN74HC244NS
IC108	8-759-926-77	s	IC SN74HC541ANS
IC201	8-759-437-42	o	IC 22V10B-PAN-AS-V1.0
IC202	8-759-437-43	o	IC 22V10B-PAN-D0-V1.0
IC301	8-759-011-63	s	IC MC74HC4051F
IC302	8-759-011-63	s	IC MC74HC4051F

(SW-761 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC401	8-759-701-56	s	IC NJM78M05FA
IC411	8-759-440-65	s	IC TLC1541IDWR
IC431	8-759-440-65	s	IC TLC1541IDWR
IC501	8-759-973-72	s	IC SN74LS07NS
IC521	8-759-560-90	s	IC MM5450BV-T&R
IC522	8-759-560-90	s	IC MM5450BV-T&R
IC523	8-759-560-90	s	IC MM5450BV-T&R
Q501	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q502	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q503	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q504	8-729-820-04	s	TRANSISTOR 2SB1140-T
R101-127	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R144	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R145	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R146	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R147	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R152	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R153	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R154	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R155	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R158	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R159	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R201	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R202	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R411-418	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R431-438	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R501	1-216-043-91	s	CHIP 560 5% 1/10W
R502	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R503	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R504	1-216-043-91	s	CHIP 560 5% 1/10W
R505	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R506	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R507	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R508	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R509	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R510	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R511	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R512	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R521	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R522	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R523	1-216-061-00	s	METAL, CHIP 3.3K 5% 1/10W
RB101	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB102	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB103	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB104	1-239-303-11	s	RESISTOR BLOCK, CHIP 1.0kx8
RB107	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB108	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB301	1-239-307-11	s	ARRAY, CHIP 22KX8
RB302	1-239-307-11	s	ARRAY, CHIP 22KX8
RB411	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB431	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RV701 -708	1-475-536-11	s	DISPLAY, CIRCULAR (24 BIT)
S201	1-771-245-11	s	SWITCH, ROTARY
S601-608	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"

(SW-761 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
S609-616	1-771-078-51	s	SWITCH, PUSH (ILLUMINATED) "SEND"
S617-624	1-771-078-61	s	SWITCH, PUSH (ILLUMINATED) "RET"
S625-632	1-771-067-31	s	SWITCH, PUSH (ILLUMINATED) "RECORD"
S701-708	1-771-078-71	s	SWITCH, PUSH (ILLUMINATED) "AFL"
S709-716	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"

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SW-765 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	A-8311-573-A	o	MOUNTED CIRCUIT BOARD, SW-765
(This assembly includes the following parts.)			
1pc	1-225-453-11	s	RES, ROTARY TYPE CARBON VAR 10K
1pc	1-475-156-21	s	LED, CIRCULAR
1pc	3-608-280-01	s	CAP (GREY)
4pcs	3-608-280-11	s	CAP (RED)
3pcs	3-608-280-21	s	CAP (YELLOW)
3pcs	3-608-280-31	s	CAP (ORANGE)
1pc	3-608-280-41	s	CAP (WHITE)
3pcs	3-608-280-51	s	CAP (BRIGHT GREEN)
1pc	3-608-280-61	s	CAP (PALE BLUE)
3pcs	3-608-280-71	s	CAP (BRIGHT AQUA)
C101-105	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C108	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C155	1-126-934-11	s	ELECT 220uF 20% 16V
C156	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C202	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C302	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C401	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C402	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C403	1-126-934-11	s	ELECT 220uF 20% 16V
C411-419	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C422	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C423	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C431-439	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C442	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C443	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C451-460	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C462	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C463	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C471-480	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C482	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C483	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C501-505	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C521	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C522	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C601	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C602	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C603	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C604	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C605-609	1-126-934-11	s	ELECT 220uF 20% 16V
C701-719	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN601	1-580-303-11	o	CONNECTOR, TX-3 30P, MALE

(SW-765 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CN602	1-569-379-11	o	CONNECTOR, TX 40P, MALE
CN603	1-566-343-11	o	CONNECTOR, 40P, MALE
CN604	1-566-343-11	o	CONNECTOR, 40P, MALE
CNI201	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI202	1-251-349-11	o	SOCKET, IC (PLCC) 28P
D401	8-719-200-02	s	DIODE 10E2
D701-711	8-719-059-51	s	DIODE MA3J142E0LSO
D801-813	8-719-059-51	s	DIODE MA3J142E0LSO
IC101	8-759-926-77	s	IC SN74HC541ANS
IC102	8-759-926-77	s	IC SN74HC541ANS
IC103	8-759-926-77	s	IC SN74HC541ANS
IC104	8-759-239-92	s	IC TC74HC07AF
IC105	8-759-926-77	s	IC SN74HC541ANS
IC108	8-759-926-77	s	IC SN74HC541ANS
IC201	8-759-437-46	o	IC 22V10B-EQ-AS-V1.0
IC202	8-759-437-47	o	IC 22V10B-EQ-D0-V1.0
IC301	8-759-011-63	s	IC MC74HC4051F
IC302	8-759-011-63	s	IC MC74HC4051F
IC401	8-759-701-56	s	IC NJM78M05FA
IC411	8-759-440-65	s	IC TLC1541IDWR
IC431	8-759-440-65	s	IC TLC1541IDWR
IC451	8-759-440-65	s	IC TLC1541IDWR
IC471	8-759-440-65	s	IC TLC1541IDWR
IC501	8-759-973-72	s	IC SN74LS07NS
IC521	8-759-560-90	s	IC MM5450BV-T&R
IC601	8-759-011-63	s	IC MC74HC4051F
IC602	8-759-560-90	s	IC MM5450BV-T&R
IC603	8-759-926-77	s	IC SN74HC541ANS
Q501	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q502	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q503	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q504	8-729-820-04	s	TRANSISTOR 2SB1140-T
R101-141	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R158	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R159	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R411-419	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R422	1-216-097-91	s	CHIP 100K 5% 1/10W
R431-439	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R442	1-216-097-91	s	CHIP 100K 5% 1/10W
R451-460	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R462	1-216-097-91	s	CHIP 100K 5% 1/10W
R463	1-216-097-91	s	CHIP 100K 5% 1/10W
R471-480	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R482	1-216-097-91	s	CHIP 100K 5% 1/10W
R483	1-216-097-91	s	CHIP 100K 5% 1/10W
R501	1-216-043-91	s	CHIP 560 5% 1/10W
R502	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R503	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R504	1-216-043-91	s	CHIP 560 5% 1/10W
R505	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R506	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W

(SW-765 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R507	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R508	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R509	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R510	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R511	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R512	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R521	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R601	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R602-655	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
RB101 -105	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB108	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB301	1-239-307-11	s	ARRAY, CHIP 22KX8
RB302	1-239-307-11	s	ARRAY, CHIP 22KX8
RB411	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB431	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB451	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB471	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB601	1-239-307-11	s	ARRAY, CHIP 22KX8
RB602	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RV701 -719	1-475-537-11	s	DISPLAY, CIRCULAR (32 BIT)
S801	1-771-081-61	s	SWITCH, PUSH (ILLUMINATED) "SLOPE"
S802	1-771-081-71	s	SWITCH, PUSH (ILLUMINATED) "/LF"
S803	1-771-081-51	s	SWITCH, PUSH (ILLUMINATED) "IN"
S804	1-771-081-51	s	SWITCH, PUSH (ILLUMINATED) "IN"
S805	1-771-071-41	s	SWITCH, PUSH (ILLUMINATED) "A"
S806	1-771-071-51	s	SWITCH, PUSH (ILLUMINATED) "B"
S807	1-771-081-51	s	SWITCH, PUSH (ILLUMINATED) "IN"
S808	1-771-081-61	s	SWITCH, PUSH (ILLUMINATED) "SLOPE"
S809	1-771-081-81	s	SWITCH, PUSH (ILLUMINATED) "HF\"
S810	1-771-081-91	s	SWITCH, PUSH (ILLUMINATED) "⊃—"
S811	1-771-081-51	s	SWITCH, PUSH (ILLUMINATED) "IN"
S812	1-771-081-51	s	SWITCH, PUSH (ILLUMINATED) "IN"
S813	1-771-081-51	s	SWITCH, PUSH (ILLUMINATED) "IN"
S814	1-771-088-81	s	SWITCH, PUSH (ILLUMINATED) "—⊂"
S815	1-771-082-11	s	SWITCH, PUSH (ILLUMINATED) "Ø"
S816	1-771-082-21	s	SWITCH, PUSH (ILLUMINATED) "MIC"
S817	1-771-082-31	s	SWITCH, PUSH (ILLUMINATED) "M/T"
S818	1-771-082-41	s	SWITCH, PUSH (ILLUMINATED) "LINE"
S819-826	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"

SW-766 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	A-8311-575-A	o	MOUNTED CIRCUIT BOARD, SW-766
(This assembly includes the following parts.)			
1pc	1-225-453-11	s	RES, ROTARY TYPE CARBON VAR 10K
1pc	1-475-156-21	s	LED, CIRCULAR
6pcs	3-608-280-81	s	CAP (MAGENTA)
C101	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C102	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C103	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C104	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C107	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C108	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C155	1-126-934-11	s	ELECT 220uF 20% 16V
C156	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C202	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C203	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C302	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C303	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C401	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C402	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C403	1-126-934-11	s	ELECT 220uF 20% 16V
C411-416	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C422	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C423	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C431-436	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C442	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C443	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C501-505	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C521-530	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C601	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C602	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C701-706	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN103	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN601	1-779-409-11	o	HEADER, CONNECTOR 60P
CN602	1-779-409-11	o	HEADER, CONNECTOR 60P
CN603	1-565-689-11	o	CONNECTOR, TX 60P, MALE
CN604	1-580-303-11	o	CONNECTOR, TX-3 30P, MALE
CNI201	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI202	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI203	1-251-349-11	o	SOCKET, IC (PLCC) 28P
D401	8-719-200-02	s	DIODE 10E2
D701-720	8-719-059-51	s	DIODE MA3J142E0LSO
IC101	8-759-926-77	s	IC SN74HC541ANS
IC102	8-759-926-77	s	IC SN74HC541ANS
IC103	8-759-926-77	s	IC SN74HC541ANS

(SW-766 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC104	8-759-239-92	s	IC TC74HC07AF
IC107	8-759-926-77	s	IC SN74HC541ANS
IC108	8-759-926-77	s	IC SN74HC541ANS
IC201	8-759-437-62	o	IC 22V10B-DYNA-AS-V1.0
IC202	8-759-437-76	o	IC 22V10B-DYNA-D0-V1.0
IC203	8-759-437-77	o	IC 22V10B-DYNA-D1-V1.0
IC301	8-759-011-63	s	IC MC74HC4051F
IC302	8-759-011-63	s	IC MC74HC4051F
IC303	8-759-011-63	s	IC MC74HC4051F
IC401	8-759-701-56	s	IC NJM78M05FA
IC411	8-759-440-65	s	IC TLC1541IDWR
IC431	8-759-440-65	s	IC TLC1541IDWR
IC501	8-759-973-72	s	IC SN74LS07NS
IC521 -525	8-759-560-90	s	IC MM5450BV-T&R
IC601	8-759-926-62	s	IC SN74HC365ANS
IC602	8-759-926-62	s	IC SN74HC365ANS
Q501	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q502	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q503	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q504	8-729-820-04	s	TRANSISTOR 2SB1140-T
R101-127	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R144-155	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R158	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R159	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R160	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R411-416	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R431-436	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R501	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R502	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R503	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R504	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R505	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R506	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R507	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R508	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R509	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R510	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R511	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R512	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R521-525	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R601-656	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
RB101	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB102	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB103	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB104	1-239-307-11	s	ARRAY, CHIP 22KX8
RB107	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB108	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB301	1-239-307-11	s	ARRAY, CHIP 22KX8
RB302	1-239-307-11	s	ARRAY, CHIP 22KX8
RB303	1-239-307-11	s	ARRAY, CHIP 22KX8
RB411	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB431	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RV701 -706	1-475-537-11	s	DISPLAY, CIRCULAR (32 BIT)

(SW-766 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
S701-706	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S707	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S708	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S709	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S710	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S711	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S712	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S713	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S714	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S715	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S716	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S717	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S718	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S719	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S720	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S721	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S722	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S723	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S724	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S725	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S726	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S727	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S728	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S729	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S730	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S731	1-771-071-71	s	SWITCH, PUSH (ILLUMINATED) "METERS HOLD"
S732	1-771-071-81	s	SWITCH, PUSH (ILLUMINATED) "INPUT"
S733	1-771-071-91	s	SWITCH, PUSH (ILLUMINATED) "OUTPUT"

SW-767 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	A-8311-567-A	o	MOUNTED CIRCUIT BOARD, SW-767
(This assembly includes the following parts.)			
1pc	1-225-452-11	s	RES, ROTARY TYPE CARBON VAR 10K
1pc	1-225-453-11	s	RES, ROTARY TYPE CARBON VAR 10K
1pc	1-475-156-11	s	LED, CIRCULAR
1pc	1-475-156-21	s	LED, CIRCULAR
1pc	3-608-279-11	s	CAP (RED)
1pc	3-608-279-01	s	CAP (GREY)
1pc	3-608-279-31	s	CAP (WHITE)
1pc	3-608-280-11	s	CAP (RED)
C101	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C102	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C103	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C104	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C105	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C106	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C107	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C108	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C109	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C110	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C111	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C112	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C113	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C114	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C115	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C116	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C117	1-126-934-11	s	ELECT 220uF 20% 16V
C118	1-126-934-11	s	ELECT 220uF 20% 16V
C201	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C202	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C203	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C204	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-565-689-11	o	CONNECTOR, TX 60P, MALE
CN102	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
D201	8-719-059-51	s	DIODE MA3J142E0LSO
D202-207	8-719-059-51	s	DIODE MA3J142E0LSO
IC101	8-759-440-65	s	IC TLC1541IDWR
IC102	8-759-440-65	s	IC TLC1541IDWR
IC103	8-759-560-90	s	IC MM5450BV-T&R
IC104	8-759-560-90	s	IC MM5450BV-T&R
R101-129	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R130-137	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R138	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R139	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R140-145	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
RB101	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB102	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RV201	1-475-536-11	s	DISPLAY, CIRCULAR (24 BIT)
RV202	1-475-536-11	s	DISPLAY, CIRCULAR (24 BIT)
RV203	1-475-536-11	s	DISPLAY, CIRCULAR (24 BIT)
RV204	1-475-537-11	s	DISPLAY, CIRCULAR (32 BIT)
S201	1-771-078-71	s	SWITCH, PUSH (ILLUMINATED) "AFL"
S202	1-771-072-11	s	SWITCH, PUSH (ILLUMINATED) "INSERT IN"
S203	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"

(SW-767 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
S204	1-771-082-51	s	SWITCH, PUSH (ILLUMINATED) "DIV"
S205	1-771-082-61	s	SWITCH, PUSH (ILLUMINATED) "SUR L/R"
S206	1-771-082-71	s	SWITCH, PUSH (ILLUMINATED) " ↕ "
S207	1-771-082-81	s	SWITCH, PUSH (ILLUMINATED) "PAN IN"
S208	1-771-078-71	s	SWITCH, PUSH (ILLUMINATED) "AFL"
S209	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"

SW-768 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	A-8311-569-A	o	MOUNTED CIRCUIT BOARD, SW-768
(This assembly includes the following parts.)			
CN101	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
D101	8-719-059-51	s	DIODE MA3J142E0LSO
D102	8-719-059-51	s	DIODE MA3J142E0LSO
S101	1-771-072-21	s	SWITCH, PUSH (ILLUMINATED) "MAIN"
S102	1-771-069-21	s	SWITCH, PUSH (ILLUMINATED) "CHS ←"
S103	1-771-069-31	s	SWITCH, PUSH (ILLUMINATED) "CHS →"

SW-769 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	A-8311-570-A	o	MOUNTED CIRCUIT BOARD, SW-769
(This assembly includes the following parts.)			
1pc	3-192-575-01	s	CAP (6.6X8), SW "SUB"
1pc	3-192-575-11	s	CAP (6.6X8), SW "L-S"
1pc	3-192-575-21	s	CAP (6.6X8), SW "R-S"
3pcs	3-192-575-31	s	CAP (6.6X8), SW "1"
3pcs	3-192-575-41	s	CAP (6.6X8), SW "2"
2pcs	3-192-575-51	s	CAP (6.6X8), SW "3"
2pcs	3-192-575-61	s	CAP (6.6X8), SW "4"
2pcs	3-192-575-71	s	CAP (6.6X8), SW "5"
2pcs	3-192-575-81	s	CAP (6.6X8), SW "6"
2pcs	3-192-575-91	s	CAP (6.6X8), SW "7"
2pcs	3-192-576-01	s	CAP (6.6X8), SW "8"
2pcs	3-192-576-11	s	CAP (6.6X8), SW "9"
2pcs	3-192-576-21	s	CAP (6.6X8), SW "10"
2pcs	3-192-576-31	s	CAP (6.6X8), SW "11"
2pcs	3-192-576-41	s	CAP (6.6X8), SW "12"
2pcs	3-192-576-51	s	CAP (6.6X8), SW "13"
2pcs	3-192-576-61	s	CAP (6.6X8), SW "14"
2pcs	3-192-576-71	s	CAP (6.6X8), SW "15"
2pcs	3-192-576-81	s	CAP (6.6X8), SW "16"
1pc	3-192-576-91	s	CAP (6.6X8), SW "17"
1pc	3-192-577-01	s	CAP (6.6X8), SW "18"
1pc	3-192-577-11	s	CAP (6.6X8), SW "19"
1pc	3-192-577-21	s	CAP (6.6X8), SW "20"
1pc	3-192-577-31	s	CAP (6.6X8), SW "21"
1pc	3-192-577-41	s	CAP (6.6X8), SW "22"
1pc	3-192-577-51	s	CAP (6.6X8), SW "23"
1pc	3-192-577-61	s	CAP (6.6X8), SW "24"
1pc	3-192-577-71	s	CAP (6.6X8), SW "25"
1pc	3-192-577-81	s	CAP (6.6X8), SW "26"
1pc	3-192-577-91	s	CAP (6.6X8), SW "27"
1pc	3-192-574-01	s	CAP (6.6X8), SW "28"
1pc	3-192-574-11	s	CAP (6.6X8), SW "29"
1pc	3-192-574-21	s	CAP (6.6X8), SW "30"
1pc	3-192-574-31	s	CAP (6.6X8), SW "31"
1pc	3-192-574-41	s	CAP (6.6X8), SW "32"
1pc	3-192-574-51	s	CAP (6.6X8), SW "33"
1pc	3-192-574-61	s	CAP (6.6X8), SW "34"
1pc	3-192-574-71	s	CAP (6.6X8), SW "35"
1pc	3-192-574-81	s	CAP (6.6X8), SW "36"
1pc	3-192-574-91	s	CAP (6.6X8), SW "37"
1pc	3-192-573-01	s	CAP (6.6X8), SW "38"
1pc	3-192-573-11	s	CAP (6.6X8), SW "39"
1pc	3-192-573-21	s	CAP (6.6X8), SW "40"
1pc	3-192-573-31	s	CAP (6.6X8), SW "41"
1pc	3-192-573-41	s	CAP (6.6X8), SW "42"
1pc	3-192-573-51	s	CAP (6.6X8), SW "43"
1pc	3-192-573-61	s	CAP (6.6X8), SW "44"
1pc	3-192-573-71	s	CAP (6.6X8), SW "45"
1pc	3-192-573-81	s	CAP (6.6X8), SW "46"
1pc	3-192-573-91	s	CAP (6.6X8), SW "47"
1pc	3-192-572-01	s	CAP (6.6X8), SW "48"
1pc	3-192-606-01	s	CAP (6.6X8), SW "L"
1pc	3-192-606-11	s	CAP (6.6X8), SW "C"
1pc	3-192-606-21	s	CAP (6.6X8), SW "R"
1pc	3-192-606-31	s	CAP (6.6X8), SW "L/C"
1pc	3-192-606-41	s	CAP (6.6X8), SW "R/C"

(SW-769 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C101-110	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C111	1-126-934-11	s	ELECT 220uF 20% 16V
C112	1-126-934-11	s	ELECT 220uF 20% 16V
CN101	1-569-379-11	o	CONNECTOR, TX 40P, MALE
CN102	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
D201-216	8-719-059-51	s	DIODE MA3J142E0LSO
D301-313	8-719-059-51	s	DIODE MA3J142E0LSO
D401-408	8-719-059-51	s	DIODE MA3J142E0LSO
D411	8-719-990-89	s	LED HLMP-2400, YEL
D412	8-719-060-62	s	DIODE HLMP-2550
D413	8-719-060-60	s	DIODE HLMP-2350
IC101	8-759-011-63	s	IC MC74HC4051F
IC102	8-759-011-63	s	IC MC74HC4051F
IC103	8-759-011-63	s	IC MC74HC4051F
IC104	8-759-973-72	s	IC SN74LS07NS
IC105	8-759-560-90	s	IC MM5450BV-T&R
IC106	8-759-560-90	s	IC MM5450BV-T&R
Q101	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q102	8-729-820-04	s	TRANSISTOR 2SB1140-T
R101-116	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R117	1-216-025-91	s	CHIP 100 5% 1/10W
R118	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R119	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R120	1-216-025-91	s	CHIP 100 5% 1/10W
R121	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R122	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R123	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R124	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R401	1-218-818-11	s	CHIP 220 5% 1/2W
R402	1-220-268-11	s	CHIP 270 5% 1/2W
R403	1-220-268-11	s	CHIP 270 5% 1/2W
R404	1-220-269-11	s	CHIP 330 5% 1/2W
RB101	1-239-307-11	s	ARRAY, CHIP 22KX8
RB102	1-239-307-11	s	ARRAY, CHIP 22KX8
RB103	1-239-307-11	s	ARRAY, CHIP 22KX8
S201-232	1-571-403-11	s	SWITCH, PUSH
S301-326	1-571-403-11	s	SWITCH, PUSH
S401-416	1-571-403-11	s	SWITCH, PUSH

SW-771 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
6pcs	A-8311-586-A	o	MOUNTED CIRCUIT BOARD, SW-771
(This assembly includes the following parts.)			
CN101	1-580-303-11	o	CONNECTOR, TX-3 30P, MALE
D101-107	8-719-059-51	s	DIODE MA3J142E0LSO
R101-110	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
S101-108	1-771-072-31	s	SWITCH, PUSH (ILLUMINATED) "▲"
S109	1-771-072-41	s	SWITCH, PUSH (ILLUMINATED) "SELECT"
S110	1-771-082-91	s	SWITCH, PUSH (ILLUMINATED) "▲"
S111	1-771-082-91	s	SWITCH, PUSH (ILLUMINATED) "▲"
S112	1-771-082-91	s	SWITCH, PUSH (ILLUMINATED) "▲"
S113	1-771-082-91	s	SWITCH, PUSH (ILLUMINATED) "▲"

SW-773 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	A-8311-571-A	o	MOUNTED CIRCUIT BOARD, SW-773
(This assembly includes the following parts.)			
1pc	1-225-452-11	s	RES, ROTARY TYPE CARBON VAR 10K
1pc	1-475-156-11	s	LED, CIRCULAR
24pcs	3-608-279-41	s	CAP (PALE BLUE)
C101-108	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C155	1-126-934-11	s	ELECT 220uF 20% 16V
C156	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C202	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C203	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C302	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C303	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C401	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C402	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C403	1-126-934-11	s	ELECT 220uF 20% 16V
C411-418	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C419	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C420	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C421-428	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C429	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C430	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C431-438	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C439	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C440	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C451-458	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C459	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C460	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C461-468	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C469	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C470	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C471-478	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C479	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C480	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C501-505	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C521-526	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C801-824	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN601	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
CN602	1-580-303-11	o	CONNECTOR, TX-3 30P, MALE
CN603	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
CN604	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
CN605	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
CNI201	1-251-349-11	o	SOCKET, IC (PLCC) 28P

(SW-773 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CNI202	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI203	1-251-349-11	o	SOCKET, IC (PLCC) 28P
D401	8-719-200-02	s	DIODE 10E2
D701	8-719-059-51	s	DIODE MA3J142E0LSO
D702	8-719-059-51	s	DIODE MA3J142E0LSO
D801-824	8-719-059-51	s	DIODE MA3J142E0LSO
IC101	8-759-926-77	s	IC SN74HC541ANS
IC102	8-759-926-77	s	IC SN74HC541ANS
IC103	8-759-926-77	s	IC SN74HC541ANS
IC104	8-759-239-92	s	IC TC74HC07AF
IC107	8-759-926-77	s	IC SN74HC541ANS
IC108	8-759-926-77	s	IC SN74HC541ANS
IC201	8-759-437-78	o	IC 22V10B-SNDKN-AS-V1.0
IC202	8-759-437-79	o	IC 22V10B-SNDKN-D0-V1.0
IC203	8-759-437-80	o	IC 22V10B-SNDKN-D1-V1.0
IC301	8-759-011-63	s	IC MC74HC4051F
IC302	8-759-011-63	s	IC MC74HC4051F
IC303	8-759-011-63	s	IC MC74HC4051F
IC401	8-759-701-56	s	IC NJM78M05FA
IC411	8-759-440-65	s	IC TLC1541IDWR
IC412	8-759-440-65	s	IC TLC1541IDWR
IC413	8-759-440-65	s	IC TLC1541IDWR
IC451	8-759-440-65	s	IC TLC1541IDWR
IC452	8-759-440-65	s	IC TLC1541IDWR
IC453	8-759-440-65	s	IC TLC1541IDWR
IC501	8-759-973-72	s	IC SN74LS07NS
IC521	8-759-560-90	s	IC MM5450BV-T&R
IC522	8-759-560-90	s	IC MM5450BV-T&R
IC523	8-759-560-90	s	IC MM5450BV-T&R
Q501	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q502	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q503	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q504	8-729-820-04	s	TRANSISTOR 2SB1140-T
R101-127	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R148	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R149	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R150	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R151	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R156	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R157	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R158	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R159	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R160	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R411-434	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R451-474	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R501	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R502	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R503	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R504	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R505	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R506	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R507	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R508	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R509	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R510	1-216-049-91	s	CHIP 1.0K 5% 1/10W

(SW-773 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R511	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R512	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R521	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R522	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R523	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R601-634	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
RB101	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB102	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB103	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB104	1-239-303-11	s	RESISTOR BLOCK, CHIP 1.0kx8
RB107	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB108	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB301	1-239-307-11	s	ARRAY, CHIP 22KX8
RB302	1-239-307-11	s	ARRAY, CHIP 22KX8
RB303	1-239-307-11	s	ARRAY, CHIP 22KX8
RB411	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB412	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB413	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB451	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB452	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB453	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RV801 -824	1-475-536-11	s	DISPLAY, CIRCULAR (24 BIT)
S701	1-771-072-41	s	SWITCH, PUSH (ILLUMINATED) "SELECT"
S702	1-771-072-51	s	SWITCH, PUSH (ILLUMINATED) "–"
S703	1-771-072-61	s	SWITCH, PUSH (ILLUMINATED) "+"
S801-824	1-771-072-71	s	SWITCH, PUSH (ILLUMINATED) "ON"

SW-774A BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-588-A	o	MOUNTED CIRCUIT BOARD, SW-774A
(This assembly includes the following parts.)			
CN1	1-562-631-11	s	CONNECTOR, FPC 4P, FEMALE
S1	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"

SW-774B BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8312-470-A	o	MOUNTED CIRCUIT BOARD, SW-774B
(This assembly includes the following parts.)			
CN1	1-562-631-11	s	CONNECTOR, FPC 4P, FEMALE
S1	1-771-067-81	s	SWITCH, PUSH (ILLUMINATED) "SHOW VALUE"

SW-775 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-597-A	o	MOUNTED CIRCUIT BOARD, SW-775
(This assembly includes the following parts.)			
1pc	1-225-452-11	s	RES, ROTARY TYPE CARBON VAR 10K
1pc	1-225-453-11	s	RES, ROTARY TYPE CARBON VAR 10K
1pc	1-475-156-11	s	LED, CIRCULAR
1pc	1-475-156-21	s	LED, CIRCULAR
1pc	1-560-372-00	o	TERMINAL, SOLDERLESS
1pc	1-561-515-00	o	HOUSING, CONNECTOR 3P
1pc	3-574-761-00	s	HOLDER, MICROPHONE
1pc	3-608-279-01	s	CAP (GREY)
1pc	3-608-279-21	s	CAP (YELLOW)
4pcs	3-608-279-51	s	CAP (BRIGHT AQUA)
1pc	3-608-280-61	s	CAP (PALE BLUE)
1pc	1-609-885-00	o	PRINTED CIRCUIT BOARD, MIC
1pc	8-814-189-31	s	MICROPHONE, BUILT-IN (C-1007D)
C101	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C102	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C103	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C104	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C108	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C155	1-126-934-11	s	ELECT 220uF 20% 16V
C156	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C202	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C203	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C302	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C303	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C304	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C401	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C402	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C403	1-126-934-11	s	ELECT 220uF 20% 16V
C411-417	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C422	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C423	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C431-437	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C442	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C443	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C501	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C502	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C503	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C521-528	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C701-707	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C801	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C802	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C803	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C804	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C811	1-126-934-11	s	ELECT 220uF 20% 16V
C812	1-126-934-11	s	ELECT 220uF 20% 16V
CN101	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P

(SW-775 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CN801	1-566-343-11	o	CONNECTOR, 40P, MALE
CN802	1-580-303-11	o	CONNECTOR, TX-3 30P, MALE
CN803	1-566-311-11	s	CONNECTOR, 10P, MALE
CN804	1-506-702-11	o	CONNECTOR, ILG 3P, MALE
CN805	1-506-702-11	o	CONNECTOR, ILG 3P, MALE
CNI201	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI202	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI203	1-251-349-11	o	SOCKET, IC (PLCC) 28P
D401	8-719-200-02	s	DIODE 10E2
D601-623	8-719-059-51	s	DIODE MA3J142E0LSO
D625	8-719-059-51	s	DIODE MA3J142E0LSO
D626	8-719-059-51	s	DIODE MA3J142E0LSO
D629	8-719-059-51	s	DIODE MA3J142E0LSO
D630	8-719-059-51	s	DIODE MA3J142E0LSO
D631	8-719-059-51	s	DIODE MA3J142E0LSO
D632	8-719-059-51	s	DIODE MA3J142E0LSO
D649-659	8-719-059-51	s	DIODE MA3J142E0LSO
D661	8-719-059-51	s	DIODE MA3J142E0LSO
D662	8-719-059-51	s	DIODE MA3J142E0LSO
D663	8-719-059-51	s	DIODE MA3J142E0LSO
D701-715	8-719-059-51	s	DIODE MA3J142E0LSO
D733	8-719-059-51	s	DIODE MA3J142E0LSO
D734	8-719-059-51	s	DIODE MA3J142E0LSO
D735	8-719-059-51	s	DIODE MA3J142E0LSO
D736	8-719-059-51	s	DIODE MA3J142E0LSO
IC101	8-759-926-77	s	IC SN74HC541ANS
IC102	8-759-926-77	s	IC SN74HC541ANS
IC103	8-759-926-77	s	IC SN74HC541ANS
IC104	8-759-239-92	s	IC TC74HC07AF
IC108	8-759-926-77	s	IC SN74HC541ANS
IC201	8-759-437-48	o	IC 22V10B-MON-AS-V1.0
IC202	8-759-437-56	o	IC 22V10B-MON-D0-V1.0
IC203	8-759-437-57	o	IC 22V10B-MON-D1-V1.0
IC301	8-759-011-63	s	IC MC74HC4051F
IC302	8-759-011-63	s	IC MC74HC4051F
IC303	8-759-011-63	s	IC MC74HC4051F
IC304	8-759-011-63	s	IC MC74HC4051F
IC401	8-759-701-56	s	IC NJM78M05FA
IC411	8-759-440-65	s	IC TLC1541IDWR
IC431	8-759-440-65	s	IC TLC1541IDWR
IC501	8-759-973-72	s	IC SN74LS07NS
IC521	8-759-560-90	s	IC MM5450BV-T&R
IC522	8-759-560-90	s	IC MM5450BV-T&R
IC523	8-759-560-90	s	IC MM5450BV-T&R
IC524	8-759-560-90	s	IC MM5450BV-T&R
IC801	8-759-926-77	s	IC SN74HC541ANS
IC802	8-759-926-77	s	IC SN74HC541ANS
IC803	8-759-926-77	s	IC SN74HC541ANS
IC804	8-759-926-77	s	IC SN74HC541ANS
Q501	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q502	8-729-820-04	s	TRANSISTOR 2SB1140-T
R101-127	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R140	1-216-009-00	s	METAL, CHIP 22 5% 1/10W

(SW-775 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R141	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R142	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R143	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R156	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R157	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R158	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R159	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R411-417	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R431-437	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R501	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R502	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R503	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R504	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R505	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R506	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R521	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R522	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R523	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R524	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R801-812	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R821-843	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R851-856	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
RB101	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB102	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB103	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB104	1-239-303-11	s	RESISTOR BLOCK, CHIP 1.0kx8
RB108	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB301	1-239-307-11	s	ARRAY, CHIP 22KX8
RB302	1-239-307-11	s	ARRAY, CHIP 22KX8
RB303	1-239-307-11	s	ARRAY, CHIP 22KX8
RB304	1-239-307-11	s	ARRAY, CHIP 22KX8
RB411	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB431	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB801	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB802	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB803	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB804	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RV701 -706	1-475-536-11	s	DISPLAY, CIRCULAR (24 BIT)
RV707	1-475-537-11	s	DISPLAY, CIRCULAR (32 BIT)
S601	1-771-145-11	s	SWITCH, PUSH (ILLUMINATED) "SOLO ISOL"
S602	1-771-145-21	s	SWITCH, PUSH (ILLUMINATED) "MIN DELAY"
S603	1-771-145-31	s	SWITCH, PUSH (ILLUMINATED) "AUTO DELAY"
S604	1-771-145-41	s	SWITCH, PUSH (ILLUMINATED) "FREEZE DELAY"
S605	1-771-078-21	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S606	1-771-078-21	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S607	1-771-145-51	s	SWITCH, PUSH (ILLUMINATED) "CEN ACCS L"
S608	1-771-145-61	s	SWITCH, PUSH (ILLUMINATED) "CEN ACCS R"
S609	1-771-083-11	s	SWITCH, PUSH (ILLUMINATED) "FADS 0dB"
S610-616	1-771-078-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S617	1-771-083-21	s	SWITCH, PUSH (ILLUMINATED) "ACCS FOLL SOLO"
S618	1-771-083-31	s	SWITCH, PUSH (ILLUMINATED) "ACCS BY TOUCH"
S619-624	1-771-078-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S625	1-771-083-41	s	SWITCH, PUSH (ILLUMINATED) "T/B 1"
S626	1-771-083-51	s	SWITCH, PUSH (ILLUMINATED) "T/B 2"

(SW-775 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
S627	1-771-083-61	s	SWITCH, PUSH (ILLUMINATED) "T/B 3"
S628	1-771-083-71	s	SWITCH, PUSH (ILLUMINATED) "T/B 4"
S629	1-771-083-81	s	SWITCH, PUSH (ILLUMINATED) "T/B 5"
S630	1-771-083-91	s	SWITCH, PUSH (ILLUMINATED) "T/B 6"
S631	1-771-072-81	s	SWITCH, PUSH (ILLUMINATED) "T/B GRP 1"
S632	1-771-072-91	s	SWITCH, PUSH (ILLUMINATED) "T/B GRP 2"
S633	1-771-084-11	s	SWITCH, PUSH (ILLUMINATED) "LISTEN 1"
S634	1-771-084-21	s	SWITCH, PUSH (ILLUMINATED) "LISTEN 2"
S635	1-771-084-31	s	SWITCH, PUSH (ILLUMINATED) "LOCK"
S636	1-771-073-71	s	SWITCH, PUSH (ILLUMINATED) "RE- HEARSE"
S637	1-771-073-81	s	SWITCH, PUSH (ILLUMINATED) "CUE"
S638	1-771-073-91	s	SWITCH, PUSH (ILLUMINATED) "RED LIGHT"
S639	1-771-074-11	s	SWITCH, PUSH (ILLUMINATED) "SLATE"
S641	1-771-078-31	s	SWITCH, PUSH (ILLUMINATED) "SOLO"
S642	1-771-078-71	s	SWITCH, PUSH (ILLUMINATED) "AFL"
S643	1-771-084-41	s	SWITCH, PUSH (ILLUMINATED) "PFL"
S644	1-771-074-21	s	SWITCH, PUSH (ILLUMINATED) "CANCEL"
S645	1-771-084-51	s	SWITCH, PUSH (ILLUMINATED) "SOLO INTER"
S646	1-771-084-61	s	SWITCH, PUSH (ILLUMINATED) "SOLO MOM"
S649	1-771-084-71	s	SWITCH, PUSH (ILLUMINATED) "SSGS 1-16"
S650	1-771-084-81	s	SWITCH, PUSH (ILLUMINATED) "SENDS 1-16"
S651	1-771-084-91	s	SWITCH, PUSH (ILLUMINATED) "SENDS 9-24"
S657	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S658	1-771-085-11	s	SWITCH, PUSH (ILLUMINATED) "SLS 1"
S659	1-771-085-21	s	SWITCH, PUSH (ILLUMINATED) "SLS 2"
S660	1-771-078-71	s	SWITCH, PUSH (ILLUMINATED) "AFL"
S661	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"
S662	1-771-073-11	s	SWITCH, PUSH (ILLUMINATED) "T/B SLS 1"
S663	1-771-073-21	s	SWITCH, PUSH (ILLUMINATED) "T/B SLS 2"
S665	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S666	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S667	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S668	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S669	1-771-078-71	s	SWITCH, PUSH (ILLUMINATED) "AFL"
S670	1-771-078-71	s	SWITCH, PUSH (ILLUMINATED) "AFL"
S671	1-771-078-71	s	SWITCH, PUSH (ILLUMINATED) "AFL"
S672	1-771-078-71	s	SWITCH, PUSH (ILLUMINATED) "AFL"
S673	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"
S674	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"
S675	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"
S676	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"
S677	1-771-073-31	s	SWITCH, PUSH (ILLUMINATED) "T/B F/B 1"
S678	1-771-073-41	s	SWITCH, PUSH (ILLUMINATED) "T/B F/B 2"
S679	1-771-073-51	s	SWITCH, PUSH (ILLUMINATED) "T/B F/B 3"
S680	1-771-073-61	s	SWITCH, PUSH (ILLUMINATED) "T/B F/B 4"
S681	1-771-085-31	s	SWITCH, PUSH (ILLUMINATED) "ON"
S682	1-771-074-31	s	SWITCH, PUSH (ILLUMINATED) "TO MAIN"
S683	1-771-074-41	s	SWITCH, PUSH (ILLUMINATED) "TO GROUPS"
S684	1-771-089-51	s	SWITCH, PUSH (ILLUMINATED) "MIX"
S685	1-771-085-61	s	SWITCH, PUSH (ILLUMINATED) "SPLIT"
S686	1-771-089-51	s	SWITCH, PUSH (ILLUMINATED) "MIX"
S689-694	1-771-072-41	s	SWITCH, PUSH (ILLUMINATED) "SELECT"
S701	1-771-085-41	s	SWITCH, PUSH (ILLUMINATED) "–"
S702	1-771-085-51	s	SWITCH, PUSH (ILLUMINATED) "+"
S703	1-771-085-41	s	SWITCH, PUSH (ILLUMINATED) "–"
S704	1-771-085-51	s	SWITCH, PUSH (ILLUMINATED) "+"
S705	1-771-085-41	s	SWITCH, PUSH (ILLUMINATED) "–"

(SW-775 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
S706	1-771-085-51	s	SWITCH, PUSH (ILLUMINATED) "+"
S707	1-771-085-41	s	SWITCH, PUSH (ILLUMINATED) "–"
S708	1-771-085-51	s	SWITCH, PUSH (ILLUMINATED) "+"
S709	1-771-085-41	s	SWITCH, PUSH (ILLUMINATED) "–"
S710	1-771-085-51	s	SWITCH, PUSH (ILLUMINATED) "+"
S711	1-771-085-41	s	SWITCH, PUSH (ILLUMINATED) "–"
S712	1-771-085-51	s	SWITCH, PUSH (ILLUMINATED) "+"
S713	1-771-072-21	s	SWITCH, PUSH (ILLUMINATED) "MAIN"
S714	1-771-074-51	s	SWITCH, PUSH (ILLUMINATED) "FOLLOW MONITOR"
S715	1-771-085-71	s	SWITCH, PUSH (ILLUMINATED) "M/S"
S716	1-771-085-81	s	SWITCH, PUSH (ILLUMINATED) "CHS -90dB"
S717	1-771-085-91	s	SWITCH, PUSH (ILLUMINATED) "LOCKS 1-48"
S718	1-771-086-11	s	SWITCH, PUSH (ILLUMINATED) "DISP PEAK"
S719	1-771-086-21	s	SWITCH, PUSH (ILLUMINATED) "PEAK HOLD"
S720	1-771-086-31	s	SWITCH, PUSH (ILLUMINATED) "CLEAR PEAK"
S721	1-771-072-21	s	SWITCH, PUSH (ILLUMINATED) "MAIN"
S722	1-771-074-51	s	SWITCH, PUSH (ILLUMINATED) "FOLLOW MONITOR"
S723	1-771-086-41	s	SWITCH, PUSH (ILLUMINATED) "ØL"
S724	1-771-086-51	s	SWITCH, PUSH (ILLUMINATED) "CUT L"
S725	1-771-086-61	s	SWITCH, PUSH (ILLUMINATED) "CUT R"
S726	1-771-086-71	s	SWITCH, PUSH (ILLUMINATED) "MONO"
S727	1-771-086-81	s	SWITCH, PUSH (ILLUMINATED) "LS 2"
S728	1-771-086-91	s	SWITCH, PUSH (ILLUMINATED) "LS 3"
S729	1-771-074-61	s	SWITCH, PUSH (ILLUMINATED) "DIM"
S730	1-771-074-71	s	SWITCH, PUSH (ILLUMINATED) "CUT"

SW-776 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-600-A	o	MOUNTED CIRCUIT BOARD, SW-776
(This assembly includes the following parts.)			
C102	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C103	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C104	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C105	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C108	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C155	1-126-934-11	s	ELECT 220uF 20% 16V
C156	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C202	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301-307	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C501	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C502	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C503	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C521-526	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C701-716	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C801-805	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C806-810	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
CN101	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN601	1-565-689-11	o	CONNECTOR, TX 60P, MALE
CN602	1-506-501-11	o	HEADER, CONNECTOR 20P, MALE
CN603	1-506-501-11	o	HEADER, CONNECTOR 20P, MALE
CN801	1-506-469-11	s	CONNECTOR 4P, MALE
CN802	1-566-311-11	s	CONNECTOR, 10P, MALE
CNI201	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI202	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI701 -708	1-251-543-11	o	SOCKET, IC 26P
CNI803	1-251-351-11	o	SOCKET, IC (PLCC) 44P
D701-718	8-719-059-51	s	DIODE MA3J142E0LSO
IC102	8-759-926-77	s	IC SN74HC541ANS
IC103	8-759-926-77	s	IC SN74HC541ANS
IC104	8-759-239-92	s	IC TC74HC07AF
IC105	8-759-926-77	s	IC SN74HC541ANS
IC108	8-759-926-77	s	IC SN74HC541ANS
IC201	8-759-437-81	o	IC 22V10B-CTLKB-AS-V1.0
IC202	8-759-437-82	o	IC 22V10B-CTLKB-D0-V1.0
IC301 -307	8-759-011-63	s	IC MC74HC4051F
IC501	8-759-973-72	s	IC SN74LS07NS
IC521	8-759-560-90	s	IC MM5450BV-T&R
IC522	8-759-560-90	s	IC MM5450BV-T&R
IC523	8-759-560-90	s	IC MM5450BV-T&R
IC801	8-759-926-62	s	IC SN74HC365ANS
IC802	8-759-242-10	s	IC TC74HC4060AF
IC803	8-759-441-53	o	IC EPM7032-CTLKB-JOG-V1.0
IC804	8-759-276-35	s	IC ADM202JRN
ND701 -708	8-719-061-17	s	DIODE HCMS-2913

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(SW-776 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q501	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q502	8-729-820-04	s	TRANSISTOR 2SB1140-T
R101	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R111-135	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R158	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R159	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R160	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R501	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R502	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R503	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R504	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R505	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R506	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R521	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R522	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R523	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R601-647	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R801	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R802	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R803	1-216-121-91	s	CHIP 1.0M 5% 1/10W
R804-809	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
RB102	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB103	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB104	1-239-303-11	s	RESISTOR BLOCK, CHIP 1.0kx8
RB105	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB108	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB301 -307	1-239-307-11	s	ARRAY, CHIP 22KX8
S701	1-771-078-31	s	SWITCH, PUSH (ILLUMINATED) "SOLO"
S702	1-771-078-31	s	SWITCH, PUSH (ILLUMINATED) "SOLO"
S703	1-771-078-31	s	SWITCH, PUSH (ILLUMINATED) "SOLO"
S704	1-771-078-31	s	SWITCH, PUSH (ILLUMINATED) "SOLO"
S705	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"
S706	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"
S707	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"
S708	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"
S709	1-771-087-11	s	SWITCH, PUSH (ILLUMINATED) "SENDS"
S710	1-771-087-11	s	SWITCH, PUSH (ILLUMINATED) "SENDS"
S711	1-771-087-11	s	SWITCH, PUSH (ILLUMINATED) "SENDS"
S712	1-771-087-11	s	SWITCH, PUSH (ILLUMINATED) "SENDS"
S713	1-771-087-21	s	SWITCH, PUSH (ILLUMINATED) "RETS"
S714	1-771-087-21	s	SWITCH, PUSH (ILLUMINATED) "RETS"
S715	1-771-087-21	s	SWITCH, PUSH (ILLUMINATED) "RETS"
S716	1-771-087-21	s	SWITCH, PUSH (ILLUMINATED) "RETS"
S717	1-771-087-31	s	SWITCH, PUSH (ILLUMINATED) "◄◄"
S718	1-771-087-31	s	SWITCH, PUSH (ILLUMINATED) "◄◄"
S719	1-771-087-31	s	SWITCH, PUSH (ILLUMINATED) "◄◄"
S720	1-771-087-31	s	SWITCH, PUSH (ILLUMINATED) "◄◄"
S721	1-771-087-41	s	SWITCH, PUSH (ILLUMINATED) "►►"
S722	1-771-087-41	s	SWITCH, PUSH (ILLUMINATED) "►►"
S723	1-771-087-41	s	SWITCH, PUSH (ILLUMINATED) "►►"
S724	1-771-087-41	s	SWITCH, PUSH (ILLUMINATED) "►►"
S725	1-771-074-81	s	SWITCH, PUSH (ILLUMINATED) "►"
S726	1-771-074-81	s	SWITCH, PUSH (ILLUMINATED) "►"

(SW-776 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
S727	1-771-074-81	s	SWITCH, PUSH (ILLUMINATED) "►"
S728	1-771-074-81	s	SWITCH, PUSH (ILLUMINATED) "►"
S729	1-771-074-91	s	SWITCH, PUSH (ILLUMINATED) "■"
S730	1-771-074-91	s	SWITCH, PUSH (ILLUMINATED) "■"
S731	1-771-074-91	s	SWITCH, PUSH (ILLUMINATED) "■"
S732	1-771-074-91	s	SWITCH, PUSH (ILLUMINATED) "■"
S733	1-771-076-11	s	SWITCH, PUSH (ILLUMINATED) "●"
S734	1-771-076-11	s	SWITCH, PUSH (ILLUMINATED) "●"
S735	1-771-076-11	s	SWITCH, PUSH (ILLUMINATED) "●"
S736	1-771-076-11	s	SWITCH, PUSH (ILLUMINATED) "●"
X801	1-579-270-21	s	RESONATOR, CERAMIC 2.457MHz

SW-777 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-601-A	o	MOUNTED CIRCUIT BOARD, SW-777
(This assembly includes the following parts.)			
1pc	1-225-452-11	s	RES, ROTARY TYPE CARBON VAR 10K
1pc	1-225-453-11	s	RES, ROTARY TYPE CARBON VAR 10K
1pc	1-475-156-11	s	LED, CIRCULAR
1pc	1-475-156-21	s	LED, CIRCULAR
8pcs	3-608-279-11	s	CAP (RED)
1pc	3-608-280-61	s	CAP (PALE BLUE)
C101-105	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C108	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C155	1-126-934-11	s	ELECT 220uF 20% 16V
C156	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C202	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C302	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C303	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C304	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C401	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C402	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C403	1-126-934-11	s	ELECT 220uF 20% 16V
C411-417	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C419	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C420	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C422	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C431-438	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C439	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C440	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C441	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C501-505	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C521-534	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C718	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C801-808	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C901	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN601	1-568-063-11	o	HEADER, CONNECTOR 16P, MALE
CN602	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
CN603	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
CN604	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
CNI201	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI202	1-251-349-11	o	SOCKET, IC (PLCC) 28P
D401	8-719-200-02	s	DIODE 10E2
D701-724	8-719-059-51	s	DIODE MA3J142E0LSO
D801-833	8-719-059-51	s	DIODE MA3J142E0LSO
D901-909	8-719-059-51	s	DIODE MA3J142E0LSO

(SW-777 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC101	8-759-926-77	s	IC SN74HC541ANS
IC102	8-759-926-77	s	IC SN74HC541ANS
IC103	8-759-926-77	s	IC SN74HC541ANS
IC104	8-759-239-92	s	IC TC74HC07AF
IC105	8-759-926-77	s	IC SN74HC541ANS
IC108	8-759-926-77	s	IC SN74HC541ANS
IC201	8-759-437-83	o	IC 22V10B-STSND-AS-V1.0
IC202	8-759-437-84	o	IC 22V10B-STSND-D0-V1.0
IC301	8-759-011-63	s	IC MC74HC4051F
IC302	8-759-011-63	s	IC MC74HC4051F
IC303	8-759-011-63	s	IC MC74HC4051F
IC304	8-759-011-63	s	IC MC74HC4051F
IC401	8-759-701-56	s	IC NJM78M05FA
IC411	8-759-440-65	s	IC TLC1541IDWR
IC431	8-759-440-65	s	IC TLC1541IDWR
IC501	8-759-973-72	s	IC SN74LS07NS
IC521 -527	8-759-560-90	s	IC MM5450BV-T&R
Q501	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q502	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q503	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q504	8-729-820-04	s	TRANSISTOR 2SB1140-T
R101-127	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R132	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R133	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R134	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R135	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R148	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R149	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R158	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R159	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R160	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R411-418	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R422	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R423	1-216-097-91	s	CHIP 100K 5% 1/10W
R431-438	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R441	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R442	1-216-097-91	s	CHIP 100K 5% 1/10W
R501	1-216-043-91	s	CHIP 560 5% 1/10W
R502	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R503	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R504	1-216-043-91	s	CHIP 560 5% 1/10W
R505	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R506	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R507	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R508	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R509	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R510	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R511	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R512	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R521-526	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R527	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R601-618	1-216-009-00	s	METAL, CHIP 22 5% 1/10W

(SW-777 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB101	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB102	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB103	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB104	1-239-303-11	s	RESISTOR BLOCK, CHIP 1.0kx8
RB105	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB108	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB301	1-239-307-11	s	ARRAY, CHIP 22KX8
RB302	1-239-307-11	s	ARRAY, CHIP 22KX8
RB303	1-239-307-11	s	ARRAY, CHIP 22KX8
RB304	1-239-307-11	s	ARRAY, CHIP 22KX8
RB411	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB431	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RV801 -808	1-475-536-11	s	DISPLAY, CIRCULAR (24 BIT)
RV901	1-475-537-11	s	DISPLAY, CIRCULAR (32 BIT)
S701-708	1-771-089-11	s	SWITCH, PUSH (ILLUMINATED) "TONE"
S709	1-771-089-21	s	SWITCH, PUSH (ILLUMINATED) "STEREO"
S710	1-771-089-21	s	SWITCH, PUSH (ILLUMINATED) "STEREO"
S711	1-771-089-21	s	SWITCH, PUSH (ILLUMINATED) "STEREO"
S712	1-771-089-21	s	SWITCH, PUSH (ILLUMINATED) "STEREO"
S713-720	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S721-728	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S729-736	1-771-078-71	s	SWITCH, PUSH (ILLUMINATED) "AFL"
S737-744	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"
S745	1-771-076-21	s	SWITCH, PUSH (ILLUMINATED) "1-8"
S746	1-771-076-31	s	SWITCH, PUSH (ILLUMINATED) "9-16"
S747	1-771-076-41	s	SWITCH, PUSH (ILLUMINATED) "17-24"
S801-808	1-771-089-11	s	SWITCH, PUSH (ILLUMINATED) "TONE"
S809-816	1-771-067-21	s	SWITCH, PUSH (ILLUMINATED) "ACCESS"
S817-824	1-771-071-61	s	SWITCH, PUSH (ILLUMINATED) "IN"
S825-832	1-771-089-31	s	SWITCH, PUSH (ILLUMINATED) "M/T"
S833-840	1-771-089-41	s	SWITCH, PUSH (ILLUMINATED) "MAIN"
S841-848	1-771-078-71	s	SWITCH, PUSH (ILLUMINATED) "AFL"
S849-856	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"
S857	1-771-077-11	s	SWITCH, PUSH (ILLUMINATED) "SSGS1-8 MULTI-F"
S858	1-771-070-11	s	SWITCH, PUSH (ILLUMINATED) "SSGS 9-16"
S901	1-771-087-91	s	SWITCH, PUSH (ILLUMINATED) "SSGS"
S902	1-771-076-81	s	SWITCH, PUSH (ILLUMINATED) "LOCK"
S903	1-771-088-11	s	SWITCH, PUSH (ILLUMINATED) "MULTI F"
S904	1-771-085-41	s	SWITCH, PUSH (ILLUMINATED) "–"
S905	1-771-085-51	s	SWITCH, PUSH (ILLUMINATED) "+"
S906	1-771-088-21	s	SWITCH, PUSH (ILLUMINATED) "CAL"
S907	1-771-088-31	s	SWITCH, PUSH (ILLUMINATED) "DIM"
S908	1-771-078-41	s	SWITCH, PUSH (ILLUMINATED) "CUT"
S909	1-771-076-91	s	SWITCH, PUSH (ILLUMINATED) "M-F MON BUS"
S910	1-771-088-91	s	SWITCH, PUSH (ILLUMINATED) "MIX"
S911-916	1-771-078-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL

SW-787 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-585-A	o	MOUNTED CIRCUIT BOARD, SW-787
(This assembly includes the following parts.)			
C102	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C103	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C104	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C107	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C151	1-126-934-11	s	ELECT 220uF 20% 16V
C152	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C153	1-126-934-11	s	ELECT 220uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C155	1-126-934-11	s	ELECT 220uF 20% 16V
C156	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C201	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C202	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C301	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C302	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C303	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C501	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C506	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C507	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C521	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C522	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C523	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C524	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
CN101	1-770-043-11	o	HEADDER, FLAT CABLE 68P
CN102	1-691-757-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN601	1-566-311-11	s	CONNECTOR, 10P, MALE
CNI201	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI202	1-251-349-11	o	SOCKET, IC (PLCC) 28P
D701-731	8-719-059-51	s	DIODE MA3J142E0LSO
IC102	8-759-926-77	s	IC SN74HC541ANS
IC103	8-759-926-77	s	IC SN74HC541ANS
IC104	8-759-239-92	s	IC TC74HC07AF
IC107	8-759-926-77	s	IC SN74HC541ANS
IC201	8-759-437-58	o	IC 22V10B-SELFD-AS-V1.0
IC202	8-759-437-59	o	IC 22V10B-SELFD-D0-V1.0
IC301	8-759-011-63	s	IC MC74HC4051F
IC302	8-759-011-63	s	IC MC74HC4051F
IC303	8-759-011-63	s	IC MC74HC4051F
IC501	8-759-973-72	s	IC SN74LS07NS
IC521	8-759-560-90	s	IC MM5450BV-T&R
IC522	8-759-560-90	s	IC MM5450BV-T&R
Q501	8-729-820-04	s	TRANSISTOR 2SB1140-T
Q502	8-729-820-04	s	TRANSISTOR 2SB1140-T
R101	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R111-127	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R146	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R147	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
R160	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R501	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R502	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R503	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R504	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R505	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W

(SW-787 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R506	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R521	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R522	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R601-609	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
RB102	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB103	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB104	1-239-303-11	s	RESISTOR BLOCK, CHIP 1.0kx8
RB107	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB301	1-239-307-11	s	ARRAY, CHIP 22KX8
RB302	1-239-307-11	s	ARRAY, CHIP 22KX8
RB303	1-239-307-11	s	ARRAY, CHIP 22KX8
S701	1-771-078-81	s	SWITCH, PUSH (ILLUMINATED) "SEND 1"
S702	1-771-078-91	s	SWITCH, PUSH (ILLUMINATED) "SEND 2"
S703	1-771-079-11	s	SWITCH, PUSH (ILLUMINATED) "SEND 3"
S704	1-771-079-21	s	SWITCH, PUSH (ILLUMINATED) "SEND 4"
S705	1-771-079-31	s	SWITCH, PUSH (ILLUMINATED) "SEND 5"
S706	1-771-079-41	s	SWITCH, PUSH (ILLUMINATED) "SEND 6"
S707	1-771-079-51	s	SWITCH, PUSH (ILLUMINATED) "SEND 7"
S708	1-771-079-61	s	SWITCH, PUSH (ILLUMINATED) "SEND 8"
S709	1-771-079-71	s	SWITCH, PUSH (ILLUMINATED) "SEND 9"
S710	1-771-079-81	s	SWITCH, PUSH (ILLUMINATED) "SEND 10"
S711	1-771-079-91	s	SWITCH, PUSH (ILLUMINATED) "SEND 11"
S712	1-771-080-11	s	SWITCH, PUSH (ILLUMINATED) "SEND 12"
S713	1-771-080-21	s	SWITCH, PUSH (ILLUMINATED) "SEND 13"
S714	1-771-080-31	s	SWITCH, PUSH (ILLUMINATED) "SEND 14"
S715	1-771-080-41	s	SWITCH, PUSH (ILLUMINATED) "SEND 15"
S716	1-771-080-51	s	SWITCH, PUSH (ILLUMINATED) "SEND 16"
S717	1-771-080-61	s	SWITCH, PUSH (ILLUMINATED) "SEND 17"
S718	1-771-080-71	s	SWITCH, PUSH (ILLUMINATED) "SEND 18"
S719	1-771-080-81	s	SWITCH, PUSH (ILLUMINATED) "SEND 19"
S720	1-771-080-91	s	SWITCH, PUSH (ILLUMINATED) "SEND 20"
S721	1-771-081-11	s	SWITCH, PUSH (ILLUMINATED) "SEND 21"
S722	1-771-081-21	s	SWITCH, PUSH (ILLUMINATED) "SEND 22"
S723	1-771-081-31	s	SWITCH, PUSH (ILLUMINATED) "SEND 23"
S724	1-771-081-41	s	SWITCH, PUSH (ILLUMINATED) "SEND 24"
S725	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S726	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S727	1-771-067-81	s	SWITCH, PUSH (ILLUMINATED) "SHOW VALUE"
S728	1-771-067-41	s	SWITCH, PUSH (ILLUMINATED) "INPUT GAIN"
S729	1-771-067-61	s	SWITCH, PUSH (ILLUMINATED) "GROUP TRIM"
S730	1-771-067-71	s	SWITCH, PUSH (ILLUMINATED) "M/T MON"
S731	1-771-067-51	s	SWITCH, PUSH (ILLUMINATED) "M/T SEND"
S732	1-771-067-91	s	SWITCH, PUSH (ILLUMINATED) "CHANS"
S733	1-771-068-11	s	SWITCH, PUSH (ILLUMINATED) "CHS 1-24"
S734	1-771-068-21	s	SWITCH, PUSH (ILLUMINATED) "CHS 25-48"
S735	1-771-068-31	s	SWITCH, PUSH (ILLUMINATED) "CHS 49-72"
S736	1-771-068-41	s	SWITCH, PUSH (ILLUMINATED) "CHS 73-96"
S737	1-771-068-51	s	SWITCH, PUSH (ILLUMINATED) "CHS 97-120"
S738	1-771-068-61	s	SWITCH, PUSH (ILLUMINATED) "CHS 121-144"
S739	1-771-068-71	s	SWITCH, PUSH (ILLUMINATED) "CHS 145-168"
S740	1-771-068-81	s	SWITCH, PUSH (ILLUMINATED) "CHS 169-192"
S741	1-771-068-91	s	SWITCH, PUSH (ILLUMINATED) "CHS 193-216"
S742	1-771-069-11	s	SWITCH, PUSH (ILLUMINATED) "CHS 217-240"
S743-747	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S748	1-771-069-21	s	SWITCH, PUSH (ILLUMINATED) "CHS ←"
S749	1-771-067-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL

(SW-787 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
S750	1-771-069-31	s	SWITCH, PUSH (ILLUMINATED) "CHS →"
S751	1-771-069-41	s	SWITCH, PUSH (ILLUMINATED) "GROUPS 1-24"
S752	1-771-069-51	s	SWITCH, PUSH (ILLUMINATED) "GROUPS 9-32"
S753	1-771-069-61	s	SWITCH, PUSH (ILLUMINATED) "SENDS 1-8"
S754	1-771-069-71	s	SWITCH, PUSH (ILLUMINATED) "SENDS 9-16"
S755	1-771-069-81	s	SWITCH, PUSH (ILLUMINATED) "SENDS 17-24"
S756	1-771-069-91	s	SWITCH, PUSH (ILLUMINATED) "SSGS 1-8"
S757	1-771-070-11	s	SWITCH, PUSH (ILLUMINATED) "SSGS 9-16"
S758	1-771-070-21	s	SWITCH, PUSH (ILLUMINATED) "GROUPS 1-8"
S759	1-771-070-31	s	SWITCH, PUSH (ILLUMINATED) "GROUPS 9-16"
S760	1-771-070-41	s	SWITCH, PUSH (ILLUMINATED) "GROUPS 17-24"
S761	1-771-070-51	s	SWITCH, PUSH (ILLUMINATED) "GROUPS 25-32"

SW-788 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-587-A	o	MOUNTED CIRCUIT BOARD, SW-788
(This assembly includes the following parts.)			
CN101	1-565-689-11	o	CONNECTOR, TX 60P, MALE
D101-115	8-719-059-51	s	DIODE MA3J142E0LSO
R101-112	1-216-009-00	s	METAL, CHIP 22 5% 1/10W
S101-108	1-771-072-31	s	SWITCH, PUSH (ILLUMINATED) "▲"
S109	1-771-072-41	s	SWITCH, PUSH (ILLUMINATED) "SELECT"
S110	1-771-145-71	s	SWITCH, PUSH (ILLUMINATED) "TOUCH WRITE"
S111	1-771-078-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S112	1-771-379-11	s	SWITCH, PUSH (ILLUMINATED) "TRIMPRE"
S113	1-771-088-71	s	SWITCH, PUSH (ILLUMINATED) "TOUCH CLEAR"
S114	1-771-078-11	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S115	1-771-088-61	s	SWITCH, PUSH (ILLUMINATED) "TOUCH HOLD"
S116	1-771-076-51	s	SWITCH, PUSH (ILLUMINATED) "READY ABSOLUTE"
S117	1-771-076-61	s	SWITCH, PUSH (ILLUMINATED) "READY TRIM"
S118	1-771-076-71	s	SWITCH, PUSH (ILLUMINATED) "READY CANCEL"
S119	1-771-087-51	s	SWITCH, PUSH (ILLUMINATED) "AUTO TAKE"
S120	1-771-087-61	s	SWITCH, PUSH (ILLUMINATED) "TO END"
S121	1-771-087-71	s	SWITCH, PUSH (ILLUMINATED) "BUTT"
S122	1-771-087-81	s	SWITCH, PUSH (ILLUMINATED) "RAMP"
S123-125	1-771-078-21	s	SWITCH, PUSH (ILLUMINATED) WITHOUT SYMBOL
S126	1-771-379-21	s	SWITCH, PUSH (ILLUMINATED) "ISOL ON"
S127	1-771-379-31	s	SWITCH, PUSH (ILLUMINATED) "AUTO ISOL"
S128	1-771-087-81	s	SWITCH, PUSH (ILLUMINATED) "AUTO ISOL CANCEL"

SW-985 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8318-288-A	o	MOUNTED CIRCUIT BOARD, SW-985
(This assembly includes the following parts.)			
CN101	1-580-341-21	o	CONNECTOR, PC BOARD 80P, FEMALE
D101	8-719-059-51	s	DIODE MA3J142E0LSO
D102	8-719-059-51	s	DIODE MA3J142E0LSO
D103	8-719-059-51	s	DIODE MA3J142E0LSO
D104	8-719-059-51	s	DIODE MA3J142E0LSO
D105	8-719-059-51	s	DIODE MA3J142E0LSO
D106	8-719-059-51	s	DIODE MA3J142E0LSO
D107	8-719-059-51	s	DIODE MA3J142E0LSO
D108	8-719-059-51	s	DIODE MA3J142E0LSO
D109	8-719-059-51	s	DIODE MA3J142E0LSO
D110	8-719-059-51	s	DIODE MA3J142E0LSO
D111	8-719-059-51	s	DIODE MA3J142E0LSO
D112	8-719-059-51	s	DIODE MA3J142E0LSO
D201	8-719-059-51	s	DIODE MA3J142E0LSO
D202	8-719-059-51	s	DIODE MA3J142E0LSO
D203	8-719-059-51	s	DIODE MA3J142E0LSO
D301	8-719-059-51	s	DIODE MA3J142E0LSO
D302	8-719-059-51	s	DIODE MA3J142E0LSO
S101	1-771-078-81	s	SWITCH, PUSH (ILLUMINATED) "SEND 1"
S102	1-771-078-91	s	SWITCH, PUSH (ILLUMINATED) "SEND 2"
S103	1-771-079-11	s	SWITCH, PUSH (ILLUMINATED) "SEND 3"
S104	1-771-079-21	s	SWITCH, PUSH (ILLUMINATED) "SEND 4"
S105	1-771-079-31	s	SWITCH, PUSH (ILLUMINATED) "SEND 5"
S106	1-771-079-41	s	SWITCH, PUSH (ILLUMINATED) "SEND 6"
S107	1-771-079-51	s	SWITCH, PUSH (ILLUMINATED) "SEND 7"
S108	1-771-079-61	s	SWITCH, PUSH (ILLUMINATED) "SEND 8"
S109	1-771-079-71	s	SWITCH, PUSH (ILLUMINATED) "SEND 9"
S110	1-771-079-81	s	SWITCH, PUSH (ILLUMINATED) "SEND 10"
S111	1-771-079-91	s	SWITCH, PUSH (ILLUMINATED) "SEND 11"
S112	1-771-080-11	s	SWITCH, PUSH (ILLUMINATED) "SEND 12"
S113	1-771-080-21	s	SWITCH, PUSH (ILLUMINATED) "SEND 13"
S114	1-771-080-31	s	SWITCH, PUSH (ILLUMINATED) "SEND 14"
S115	1-771-080-41	s	SWITCH, PUSH (ILLUMINATED) "SEND 15"
S116	1-771-080-51	s	SWITCH, PUSH (ILLUMINATED) "SEND 16"
S117	1-771-080-61	s	SWITCH, PUSH (ILLUMINATED) "SEND 17"
S118	1-771-080-71	s	SWITCH, PUSH (ILLUMINATED) "SEND 18"
S119	1-771-080-81	s	SWITCH, PUSH (ILLUMINATED) "SEND 19"
S120	1-771-080-91	s	SWITCH, PUSH (ILLUMINATED) "SEND 20"
S121	1-771-081-11	s	SWITCH, PUSH (ILLUMINATED) "SEND 21"
S122	1-771-081-21	s	SWITCH, PUSH (ILLUMINATED) "SEND 22"
S123	1-771-081-31	s	SWITCH, PUSH (ILLUMINATED) "SEND 23"
S124	1-771-081-41	s	SWITCH, PUSH (ILLUMINATED) "SEND 24"
S201	1-771-067-81	s	SWITCH, PUSH (ILLUMINATED) "SHOW VA"
S202	1-771-070-61	s	SWITCH, PUSH (ILLUMINATED) "PAN"
S203	1-771-378-21	s	SWITCH, PUSH (ILLUMINATED)
S204	1-771-378-31	s	SWITCH, PUSH (ILLUMINATED)
S205	1-771-378-41	s	SWITCH, PUSH (ILLUMINATED)
S206	1-771-067-51	s	SWITCH, PUSH (ILLUMINATED) "M/T SEN"
S207	1-771-067-91	s	SWITCH, PUSH (ILLUMINATED) "CHANS"
S301	1-771-378-11	s	SWITCH, PUSH (ILLUMINATED)
S302	1-771-378-51	s	SWITCH, PUSH (ILLUMINATED)

FRAME FOR OXF-CP3048/OXF-CP3024

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-957-261-11	o	HARNESS (SCAN-LY)
1pc	1-957-262-11	o	HARNESS (SCAN-LX)
1pc	1-957-263-11	o	HARNESS (SCAN-CY)
1pc	1-957-264-11	o	HARNESS (SCAN-RY)
1pc	1-957-265-11	o	HARNESS (SCAN-RX)
1pc	1-957-268-11	o	HARNESS, SUB (TOUCH)
1pc	1-957-272-11	o	HARNESS, SUB (HP-C)
1pc	1-957-273-11	o	HARNESS, SUB (KBSW)
1pc	1-957-275-11	o	HARNESS, SUB (ROUT-L)
1pc	1-957-276-11	o	HARNESS, SUB (ROUT-R)
1pc	1-957-277-11	o	HARNESS, SUB (EQSW-L)
1pc	1-957-278-11	o	HARNESS, SUB (EQSW-R)
1pc	1-957-279-11	o	HARNESS, SUB (DYNSW-L)
1pc	1-957-280-11	o	HARNESS, SUB (DYNSW-R)
1pc	1-957-281-11	o	HARNESS, SUB (KNSW-L)
1pc	1-957-282-11	o	HARNESS, SUB (KNSW-R)
1pc	1-957-283-11	o	HARNESS, SUB (MLT-L)
1pc	1-957-284-11	o	HARNESS, SUB (MLT-R)
1pc	1-957-293-11	o	HARNESS, SUB (KYBD)
1pc	1-957-295-11	o	HARNESS, SUB (232C)
1pc	1-957-296-11	o	HARNESS, SUB (SYNC)
2pcs	1-957-297-11	o	HARNESS, SUB (TRK-L)
1pc	1-957-298-11	o	HARNESS, SUB (TRK-R)
2pcs	1-957-299-11	o	HARNESS, SUB (TRK-COM)
1pc	1-957-300-11	o	HARNESS, SUB (LPAN-Y)
1pc	1-957-301-11	o	HARNESS, SUB (LPAN-X)
1pc	1-957-302-11	o	HARNESS, SUB (CPAN-Y)
1pc	1-957-303-11	o	HARNESS, SUB (RPAN-Y)
1pc	1-957-304-11	o	HARNESS, SUB (RPAN-X)
1pc	1-957-305-11	o	HARNESS, SUB (LFDR-Y)
1pc	1-957-306-11	o	HARNESS, SUB (LFDR-X)
1pc	1-957-307-11	o	HARNESS, SUB (CFDR-Y)
1pc	1-957-308-11	o	HARNESS, SUB (RFDR-Y)
1pc	1-957-309-11	o	HARNESS, SUB (RFDR-X)
1pc	1-957-310-11	o	HARNESS, SUB (LMET-Y)
1pc	1-957-311-11	o	HARNESS, SUB (LMET-X)
1pc	1-957-312-11	o	HARNESS, SUB (CMET-Y)
1pc	1-957-313-11	o	HARNESS, SUB (RMET-Y)
1pc	1-957-314-11	o	HARNESS, SUB (RMET-X)
[HARNESS (CENTER-1)]			
	1-535-427-00	o	TERMINAL, WIRE-END
	1-560-767-00	o	CONTACT, CONNECTOR
	1-560-768-00	o	CONTACT, FEMALE
	1-561-067-00	o	CONTACT, FEMALE AWG14-20
	1-561-890-00	o	HOUSING, PS 20P
	1-694-272-11	o	TERMINAL, SOLDERLESS
	1-779-394-11	o	HOUSING, CONNECTOR 12P
	1-784-181-11	o	HOUSING, MAINTAIN LOCK CAP 1P
[HARNESS (CENTER-2)]			
	1-535-245-11	o	TERMINAL, SOLDERLESS
	1-560-347-21	o	HOUSING, PLUG 5P
	1-562-210-11	s	CONTACT, FEMALE AWG18-22
	1-562-285-11	s	HOUSING, CONNECTOR 4P
	1-562-287-11	o	HOUSING 6P
	1-562-640-11	o	HOUSING, CONNECTOR 8P
	1-562-833-11	o	HOUSING, CONNECTOR 7P
	1-778-620-11	o	HOUSING, CONNECTOR 6P
	1-778-620-21	o	HOUSING, CONNECTOR 6P
	1-778-621-11	o	TERMINAL, SOLDERLESS

(FRAME FOR OXF-CP3048/OXF-CP3024)

Ref. No. or Q'ty	Part No.	SP	Description
[HARNESS (CH 24L)]			
	1-535-245-11	o	TERMINAL, SOLDERLESS
	1-535-427-00	o	TERMINAL, WIRE-END
	1-561-068-00	o	CONTACT, MALE AWG14-20
	1-694-272-11	o	TERMINAL, SOLDERLESS
	1-779-394-11	o	HOUSING, CONNECTOR 12P
	1-784-180-11	o	HOUSING, MAINTAIN LOCK PLUG 1P
[HARNESS (CH 24R)]			
	1-535-427-00	o	TERMINAL, WIRE-END
	1-560-767-00	o	CONTACT, CONNECTOR
	1-560-768-00	o	CONTACT, FEMALE
	1-561-068-00	o	CONTACT, MALE AWG14-20
	1-561-890-00	o	HOUSING, PS 20P
	1-694-272-11	o	TERMINAL, SOLDERLESS
	1-779-394-11	o	HOUSING, CONNECTOR 12P
	1-784-180-11	o	HOUSING, MAINTAIN LOCK PLUG 1P
[SUB HARNESS (DC/DC)]			
	1-560-372-00	o	TERMINAL, SOLDERLESS
	1-561-515-00	o	HOUSING, CONNECTOR 3P
[SUB HARNESS (FAN)]			
	1-537-632-21	o	TERMINAL, SOLDERLESS 1P
	1-564-092-11	o	TERMINAL, SOLDERLESS (IL-M)
	1-565-896-11	o	HOUSING, CONNECTOR (IL-M) 3P
	1-779-404-11	o	HOUSING, CONNECTOR 3P
[SUB HARNESS (HP GND)]			
	1-535-427-00	o	TERMINAL, WIRE-END
[SUB HARNESS (HP-LR)]			
	1-560-372-00	o	TERMINAL, SOLDERLESS
	1-561-518-00	o	HOUSING, ILG 6P
	1-562-855-11	o	HOUSING, CONNECTOR (IL-M) 6P
	1-564-092-11	o	TERMINAL, SOLDERLESS (IL-M)
[HARNESS (JOINT)]			
	1-535-427-00	o	TERMINAL, WIRE-END
[HARNESS (LCH 24-1)]			
	1-535-245-11	o	TERMINAL, SOLDERLESS
	1-560-347-21	o	HOUSING, PLUG 5P
	1-560-372-00	o	TERMINAL, SOLDERLESS
	1-562-210-11	s	CONTACT, FEMALE AWG18-22
	1-562-285-11	s	HOUSING, CONNECTOR 4P
	1-562-287-11	o	HOUSING 6P
	1-562-640-11	o	HOUSING, CONNECTOR 8P
	1-562-833-11	o	HOUSING, CONNECTOR 7P
[HARNESS (LCH 24-2)]			
	1-562-210-11	s	CONTACT, FEMALE AWG18-22
	1-562-640-11	o	HOUSING, CONNECTOR 8P
[SUB HARNESS (MAINMET)]			
	1-563-733-11	s	SOCKET, FLAT CABLE 10P
[SUB HARNESS (MASFDR)]			
	1-569-399-21	o	CONNECTOR, TX-1 30P, FEMALE
[SUB HARNESS (MT GND)]			
	1-535-427-00	o	TERMINAL, WIRE-END
[HARNESS (RCH 24-1)]			
	1-535-245-11	o	TERMINAL, SOLDERLESS
	1-560-347-21	o	HOUSING, PLUG 5P
	1-560-372-00	o	TERMINAL, SOLDERLESS
	1-562-210-11	s	CONTACT, FEMALE AWG18-22
	1-562-285-11	s	HOUSING, CONNECTOR 4P
	1-562-287-11	o	HOUSING 6P
	1-562-640-11	o	HOUSING, CONNECTOR 8P

(FRAME FOR OXF-CP3048/OXF-CP3024)

Ref. No. or Q'ty	Part No.	SP	Description
	1-562-833-11	o	HOUSING, CONNECTOR 7P
[HARNESS (RCH 24-2)]			
	1-562-210-11	s	CONTACT, FEMALE AWG18-22
	1-562-640-11	o	HOUSING, CONNECTOR 8P
[SUB HARNESS (RESET)]			
	1-506-740-11	o	CONTACT, FEMALE AWG22-28
	1-561-514-00	o	HOUSING, ILG 2P
	1-778-941-11	o	HOUSING, CONNECTOR 2P
[HARNESS (SERVER)]			
	1-561-499-21	o	HOUSING, RECEPTACLE 5P
[SUB HARNESS (TKBL)]			
	1-774-429-11	o	CONTACT, CONNECTOR (AWG#24-#30)

3-3-2. OXF-SP3000

BF-53 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-610-A	o	MOUNTED CIRCUIT BOARD, BF-53
(This assembly includes the following parts.)			
1pc	3-606-767-01	o	PANEL,BF-53 BOARD
1pc	3-606-769-01	o	SHEET,INSULATING(LARGE)
2pcs	3-606-770-01	o	SHEET,INSULATING(SMALL)
2pcs	3-166-184-01	o	LEVER, PC BOARD
2pcs	7-626-320-11	s	PIN, SPRING 3X8
2pcs	7-621-770-67	s	SCREW +B 2.6X6
8pcs	7-682-546-04	s	SCREW +B 3X5
1pc	3-611-613-01	o	SHEET
C1	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C2	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C3-21	1-163-038-91	s	CERAMIC 0.1uF 25V
C22	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C23	1-163-038-91	s	CERAMIC 0.1uF 25V
C24	1-163-038-91	s	CERAMIC 0.1uF 25V
C25	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C26	1-163-038-91	s	CERAMIC 0.1uF 25V
C27	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C28	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C29	1-163-038-91	s	CERAMIC 0.1uF 25V
C30	1-163-038-91	s	CERAMIC 0.1uF 25V
C31	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C32	1-163-038-91	s	CERAMIC 0.1uF 25V
C33	1-163-038-91	s	CERAMIC 0.1uF 25V
C34	1-163-038-91	s	CERAMIC 0.1uF 25V
C35	1-163-038-91	s	CERAMIC 0.1uF 25V
C36	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C37-64	1-163-038-91	s	CERAMIC 0.1uF 25V
C65	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C66	1-163-038-91	s	CERAMIC 0.1uF 25V
C67	1-163-038-91	s	CERAMIC 0.1uF 25V
C68	1-163-038-91	s	CERAMIC 0.1uF 25V
C69	1-163-038-91	s	CERAMIC 0.1uF 25V
C70	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C71	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C72-85	1-163-038-91	s	CERAMIC 0.1uF 25V
C86	1-164-005-11	s	CERAMIC, CHIP 0.47uF 25V
C87-97	1-163-038-91	s	CERAMIC 0.1uF 25V
C98	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C99	1-163-038-91	s	CERAMIC 0.1uF 25V
C100	1-163-038-91	s	CERAMIC 0.1uF 25V
C101	1-163-038-91	s	CERAMIC 0.1uF 25V
C102	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C103	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C104-131	1-163-038-91	s	CERAMIC 0.1uF 25V
C132	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C133-152	1-163-038-91	s	CERAMIC 0.1uF 25V
C153	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C154	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C155-161	1-163-038-91	s	CERAMIC 0.1uF 25V

(BF-53 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CN2	1-562-941-51	s	JACK, PIN 1P
CN3	1-562-941-51	s	JACK, PIN 1P
CN4	1-563-323-11	s	CONNECTOR, D-SUB 9P, FEMALE
CN6	1-779-866-11	s	CONNECTOR, COAXIAL MALE
CN7	1-779-866-11	s	CONNECTOR, COAXIAL MALE
CN9	1-779-400-11	o	SOCKET, CONNECTOR (HALF PITCH) 80P
CNI27	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI28	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI36	1-251-352-11	o	SOCKET, IC (PLCC) 68P
CNI37	1-251-352-11	o	SOCKET, IC (PLCC) 68P
CNI38	1-251-352-11	o	SOCKET, IC (PLCC) 68P
CNI39	1-251-352-11	o	SOCKET, IC (PLCC) 68P
CNI111	1-251-421-11	o	SOCKET, IC (20 CORE)
CNI112	1-251-421-11	o	SOCKET, IC (20 CORE)
CNI113	1-251-421-11	o	SOCKET, IC (20 CORE)
CNI114	1-251-421-11	o	SOCKET, IC (20 CORE)
D1-7	8-719-974-41	s	LED HLMP-6500-010, GRN
D8	8-719-055-87	s	DIODE U1BC44
D9-16	8-719-974-41	s	LED HLMP-6500-010, GRN
D101	8-719-988-62	s	DIODE 1SS355
D102	8-719-988-62	s	DIODE 1SS355
D103	8-719-988-62	s	DIODE 1SS355
E1	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E2	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E3	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E4	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
FL1	1-233-287-21	s	FILTER, EMI (SMD)
FL2	1-233-287-21	s	FILTER, EMI (SMD)
FL3	1-233-287-21	s	FILTER, EMI (SMD)
FL4	1-424-008-11	s	FILTER, NOISE (SIGNAL LINE)
FL5	1-233-287-21	s	FILTER, EMI (SMD)
FL6	1-233-287-21	s	FILTER, EMI (SMD)
FL7	1-233-287-21	s	FILTER, EMI (SMD)
IC1	8-759-440-81	s	IC IDT74FCT3807APY-TL
IC2	8-759-440-81	s	IC IDT74FCT3807APY-TL
IC3	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC4	8-759-079-62	s	IC TC74VHCT74FS(EL)
IC5	8-759-079-62	s	IC TC74VHCT74FS(EL)
IC6	8-759-386-07	s	IC SN74ABT16244ADLR
IC7	8-759-440-75	s	IC CDC341NS-E05
IC8	8-759-440-81	s	IC IDT74FCT3807APY-TL
IC9	8-759-079-62	s	IC TC74VHCT74FS(EL)
IC10	8-759-079-62	s	IC TC74VHCT74FS(EL)
IC11	8-759-079-62	s	IC TC74VHCT74FS(EL)
IC12	8-759-079-47	s	IC TC74VHCT00FS(EL)
IC13	8-759-435-58	s	IC 74F163ASJX
IC14	8-759-442-84	s	IC N74F5074D
IC15	8-759-330-79	s	IC CS8402A-CS
IC16	8-759-902-88	s	IC SN74LS123NS
IC17	8-759-252-89	s	IC AD1890JP
IC18	8-759-252-89	s	IC AD1890JP
IC19	8-759-355-06	s	IC CS8412-CS
IC20	8-759-440-77	s	IC SN74ABT125PW-E05
IC21	8-759-187-58	s	IC SN74LVT574PW-E05
IC22	8-759-902-88	s	IC SN74LS123NS

(BF-53 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC23	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC24	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC25	8-759-902-88	s	IC SN74LS123NS
IC26	8-759-440-81	s	IC IDT74FCT3807APY-TL
IC28	8-759-444-35	o	IC PLSI1016-EVENT-V1.1
IC29	8-759-443-61	s	IC IDT7134LA55J-TL
IC30	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC31	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC32	8-759-443-56	s	IC DSP56004FJ50
IC33	8-759-435-15	s	IC 74F11SJX
IC34	8-759-442-34	s	IC SN74LVT16244ADLR
IC35	8-759-992-03	s	IC 74F38SJ
IC36	8-759-444-34	o	IC PLSI1024-INTREG-V1.2
IC37	8-759-444-33	o	IC PLSI1024-CSRINT-V1.1
IC38	8-759-444-32	o	IC PLSI1024-HOSTIF-V1.8
IC39	8-759-444-34	o	IC PLSI1024-INTREG-V1.2
IC40	8-759-281-31	s	IC MAX483ESA
IC41	8-759-079-47	s	IC TC74VHCT00FS(EL)
IC42	8-759-435-71	s	IC 74F269SCX
IC43	8-759-386-34	s	IC SN74ABT16245ADLR
IC44	8-759-386-34	s	IC SN74ABT16245ADLR
IC45	8-759-386-07	s	IC SN74ABT16244ADLR
IC46	8-759-386-07	s	IC SN74ABT16244ADLR
IC47	8-759-386-07	s	IC SN74ABT16244ADLR
IC48	8-759-989-01	s	IC 74F08SJ
IC49	8-759-989-04	s	IC 74F74SJ
IC50	8-759-079-62	s	IC TC74VHCT74FS(EL)
IC51	8-759-440-77	s	IC SN74ABT125PW-E05
IC52	8-759-435-58	s	IC 74F163ASJX
IC53	8-759-435-58	s	IC 74F163ASJX
IC54	8-759-435-58	s	IC 74F163ASJX
IC55	8-759-443-44	s	IC N74F198D-T
IC56	8-759-435-71	s	IC 74F269SCX
IC57	8-759-435-71	s	IC 74F269SCX
IC58	8-759-435-71	s	IC 74F269SCX
IC59	8-759-447-03	s	IC SN74ABT273NS-E05
IC60	8-759-447-03	s	IC SN74ABT273NS-E05
IC61	8-759-447-03	s	IC SN74ABT273NS-E05
IC62	8-759-447-03	s	IC SN74ABT273NS-E05
IC63	8-759-948-01	s	IC 74F04SJ
IC64	8-759-435-80	s	IC 74F32SJX
IC65	8-759-989-01	s	IC 74F08SJ
IC66	8-759-443-44	s	IC N74F198D-T
IC67	8-759-443-44	s	IC N74F198D-T
IC68	8-759-443-44	s	IC N74F198D-T
IC69	8-759-435-71	s	IC 74F269SCX
IC70	8-759-079-50	s	IC TC74VHCT04FS(EL)
IC71	8-759-989-01	s	IC 74F08SJ
IC72	8-759-989-91	s	IC TL7705ACPS
IC73	8-759-991-85	s	IC 74F00SJ
IC74	8-759-187-56	s	IC SN74LVT2952PW-E05
IC75	8-759-440-78	s	IC SN74CBT3345PW-E05
IC76	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC77	8-759-386-07	s	IC SN74ABT16244ADLR
IC78	8-759-386-34	s	IC SN74ABT16245ADLR
IC79	8-759-386-34	s	IC SN74ABT16245ADLR
IC80	8-759-435-71	s	IC 74F269SCX
IC81	8-759-386-34	s	IC SN74ABT16245ADLR
IC82	8-759-440-78	s	IC SN74CBT3345PW-E05

(BF-53 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC83	8-759-187-56	s	IC SN74LVT2952PW-E05
IC84	8-759-440-78	s	IC SN74CBT3345PW-E05
IC85	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC86	8-759-386-07	s	IC SN74ABT16244ADLR
IC87	8-759-386-34	s	IC SN74ABT16245ADLR
IC88	8-759-386-34	s	IC SN74ABT16245ADLR
IC89	8-759-435-71	s	IC 74F269SCX
IC90	8-759-386-34	s	IC SN74ABT16245ADLR
IC91	8-759-187-56	s	IC SN74LVT2952PW-E05
IC92	8-759-440-78	s	IC SN74CBT3345PW-E05
IC93	8-759-440-81	s	IC IDT74FCT3807APY-TL
IC94	8-759-435-56	s	IC 74F153SJX
IC95	8-759-435-56	s	IC 74F153SJX
IC96	8-759-435-80	s	IC 74F32SJX
IC97	8-759-435-13	s	IC 74F112SJX
IC98	8-759-948-01	s	IC 74F04SJ
IC99	8-759-435-12	s	IC 74F10SJX
IC100	8-759-435-15	s	IC 74F11SJX
IC101	8-759-442-34	s	IC SN74LVT16244ADLR
IC102	8-759-527-08	s	IC KM416C1200BJ-6
IC103	8-759-527-08	s	IC KM416C1200BJ-6
IC104	8-759-435-56	s	IC 74F153SJX
IC105	8-759-435-56	s	IC 74F153SJX
IC106	8-759-435-56	s	IC 74F153SJX
IC107	8-759-435-79	s	IC 74F30SJX
IC108	8-759-435-13	s	IC 74F112SJX
IC109	8-759-989-04	s	IC 74F74SJ
IC110	8-759-435-13	s	IC 74F112SJX
IC111	8-759-441-55	o	IC 16V8B-DRAM-V1.0
IC112	8-759-441-56	o	IC 16V8B-NRAS-V1.0
IC113	8-759-441-57	o	IC 16V8B-NREF-V1.0
IC114	8-759-441-58	o	IC 16V8B-CASCON-V1.1
IC115	8-759-435-71	s	IC 74F269SCX
IC118	8-759-281-31	s	IC MAX483ESA
R1-19	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R20	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R21	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R22	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R23	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R24	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R25	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R26	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R27-54	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R55-60	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R61-68	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R69	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R70	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R71	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R72	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R73	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R74	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R75	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R76	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R77	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R78	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R79	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R80	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W

(BF-53 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R81	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R82	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R83	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R84	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R85	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R86	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R87	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R88	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R89	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R90	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R91	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R92	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R93	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R94	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R95	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R96	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R97	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R98	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R99	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R100	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R101	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R102	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R103	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R104	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R105	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R106	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R107	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R108	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R109	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R110	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R111	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R112	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R113	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R114	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R115	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R116	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R117	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R118	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R119	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R120	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R121	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W
R122	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R123	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R124	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R125	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R126	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W
R127	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R128	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R129	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R130	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R131	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R132	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R133	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R134	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R135	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R136	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R137	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R138	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R139	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W

(BF-53 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R140	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R141	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R142	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R143	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R144	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R145	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R146	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R147	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R148	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R149	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R150-168	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R169	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R170-176	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R177	1-218-776-11	s	METAL 1M 0.5% 1/10W
R178	1-216-671-11	s	METAL, CHIP 6.8K 0.5% 1/10W
R179	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R180	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W
R181	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R182	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R183	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R184-215	1-216-610-11	s	METAL, CHIP 20 0.50% 1/10W
R216	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R217	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R218	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R219	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R220	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R221	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R222-227	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
RB1	1-239-303-11	s	RESISTOR BLOCK, CHIP 1.0kx8
RB2	1-239-303-11	s	RESISTOR BLOCK, CHIP 1.0kx8
RB3	1-239-303-11	s	RESISTOR BLOCK, CHIP 1.0kx8
RB4	1-239-303-11	s	RESISTOR BLOCK, CHIP 1.0kx8
S1	1-571-787-31	s	SWITCH, PUSH
S2	1-571-787-31	s	SWITCH, PUSH
T1	1-431-394-11	s	TRANSFORMER (48KTR)
TP1-26	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
X1	1-760-842-21	s	CRYSTAL 60.000MHz
X2	1-760-451-21	s	CRYSTAL 50.000MHz

CN-1445 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-663-099-12	o	PRINTED CIRCUIT BOARD, CN-1445
CN1	1-580-837-11	o	PIN, CONNECTOR (PC BOARD) 3P
CN2	1-564-001-11	s	CONNECTOR 2P, MALE
CN3	1-564-001-11	s	CONNECTOR 2P, MALE
CN4	1-564-001-11	s	CONNECTOR 2P, MALE
CN5	1-564-001-11	s	CONNECTOR 2P, MALE

CN-1446 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-745-A	o	MOUNTED CIRCUIT BOARD, CN-1446
(This assembly includes the following parts.)			
C1	1-164-159-21	s	CERAMIC 0.1uF 50V
CN1	1-580-838-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN2	1-564-002-11	s	CONNECTOR 3P, MALE
D1	8-719-921-20	s	DIODE 1SS119-25TD
F1	⚠ 1-532-776-21	s	FUSE, MICRO (SECONDARY)
F2	⚠ 1-532-776-21	s	FUSE, MICRO (SECONDARY)
RY1	1-515-716-11	s	RELAY (TQ2-5V)

CN-1493 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-664-318-11	o	PRINTED CIRCUIT BOARD, CN-1493
2pcs	3-655-653-11	s	BAND (TAITON), BINDING
L1	1-416-370-11	o	COIL, SN
L2	1-416-370-11	o	COIL, SN
T1	⚠ 1-535-419-00	o	TAB, FASTEN (PCB)
T2	⚠ 1-535-419-00	o	TAB, FASTEN (PCB)
T3	⚠ 1-535-419-00	o	TAB, FASTEN (PCB)
T4	⚠ 1-535-419-00	o	TAB, FASTEN (PCB)

DP-131 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-636-210-11	o	PRINTED CIRCUIT BOARD, DP-131
1pc	1-526-652-21	o	SOCKET, IC 8P
CN1	1-564-002-11	s	CONNECTOR 3P, MALE
D1	8-719-921-06	s	LED HLMP-2965, RED
R1	1-249-403-11	s	CARBON 68 5% 1/4W
R2	1-249-403-11	s	CARBON 68 5% 1/4W
R3	1-249-403-11	s	CARBON 68 5% 1/4W
R4	1-249-403-11	s	CARBON 68 5% 1/4W

IF-581A BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-613-A	o	MOUNTED CIRCUIT BOARD, IF-581A
(This assembly includes the following parts.)			
1pc	3-606-655-01	o	BRACKET,ISA
2pcs	2-280-622-41	o	SUPPORT (M3), HEXAGON
8pcs	7-682-547-04	s	SCREW +B 3X6
C1-9	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C10	1-163-038-91	s	CERAMIC 0.1uF 25V
C11	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C12	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C13-43	1-163-038-91	s	CERAMIC 0.1uF 25V
CN2	1-779-400-11	o	SOCKET, CONNECTOR (HALF PITCH) 80P
CNI2	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI5	1-526-652-21	o	SOCKET, IC 8P
CNI17	1-251-349-11	o	SOCKET, IC (PLCC) 28P
D1	8-719-055-87	s	DIODE U1BC44
E1	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
IC1	8-759-342-94	s	IC IDT71256SA20Y
IC2	8-759-467-56	o	IC DECODE-V2.0
IC3	8-759-342-94	s	IC IDT71256SA20Y
IC4	8-759-342-94	s	IC IDT71256SA20Y
IC5	8-759-467-57	o	IC PCIROM-V2.0
IC6	8-759-468-06	s	IC PCI9060-3A
IC7	8-759-342-94	s	IC IDT71256SA20Y
IC8-15	8-759-440-78	s	IC SN74CBT3345PW-E05
IC16	8-759-367-01	s	IC LT1117CST-3.3-TR
IC17	8-759-467-55	o	IC BUSCONT-V2.0
IC18	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC19	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC20	8-759-440-75	s	IC CDC341NS-E05
R1	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R2	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R3	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R4	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W
R5	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R7	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R8	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R9	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
RB1	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB2	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB3-10	1-239-409-11	s	NETWORK, CHIP 47X4 5%
TP1-7	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)

MB-631 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-612-A	o	MOUNTED CIRCUIT BOARD, MB-631
(This assembly includes the following parts.)			
3pcs	1-694-328-11	o	TERMINAL BOARD (M115B)
F1-34	⚠ 1-576-260-11	s	FUSE, MICRO (SECONDARY)

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3-3-3. OXF-IO3000

FRAME FOR OXF-SP3000

Ref. No. or Q'ty	Part No.	SP	Description
[HARNESS (SP AC1)]			
⚠	1-535-427-00	o	TERMINAL, WIRE-END
⚠	1-537-568-11	o	TERMINAL, GROUND
⚠	1-774-050-11	s	CONNECTOR, ROUND TYPE 3P
[HARNESS (SP AC2)]			
⚠	1-535-321-11	o	TERMINAL, SOLDERLESS
⚠	1-565-787-21	o	CONTACT, FEMALE AWG20-14
⚠	1-565-788-11	o	HOUSING, CONNECTOR
[HARNESS (SP AC3)]			
⚠	1-535-321-11	o	TERMINAL, SOLDERLESS
⚠	1-535-340-11	o	TERMINAL, WIRE-END
⚠	1-537-502-11	o	TERMINAL, WIRE-END
⚠	1-561-067-00	o	CONTACT, FEMALE AWG14-20
⚠	1-561-085-00	o	HOUSING, CAP 6P
⚠	1-565-787-21	o	CONTACT, FEMALE AWG20-14
⚠	1-565-788-11	o	HOUSING, CONNECTOR
[HARNESS (SP AC4)]			
⚠	1-561-068-00	o	CONTACT, MALE AWG14-20
⚠	1-561-071-11	o	HOUSING, PLUG 6P
⚠	1-565-787-21	o	CONTACT, FEMALE AWG20-14
⚠	1-565-788-11	o	HOUSING, CONNECTOR
[HARNESS (SP DC1)]			
	1-535-245-11	o	TERMINAL, SOLDERLESS
⚠	1-535-374-11	o	TERMINAL, SOLDERLESS
	1-535-580-11	o	TERMINAL, SOLDERLESS
⚠	1-537-625-11	o	TERMINAL, SOLDERLESS
	1-560-348-99	o	HOUSING, PLUG 6P
⚠	1-694-273-11	o	TERMINAL, SOLDERLESS
⚠	1-779-395-11	o	HOUSING, CONNECTOR
[HARNESS (SP DC2)]			
⚠	1-535-427-00	o	TERMINAL, WIRE-END
	1-560-372-00	o	TERMINAL, SOLDERLESS
	1-561-515-00	o	HOUSING, CONNECTOR 3P
⚠	1-694-272-11	o	TERMINAL, SOLDERLESS
⚠	1-779-394-11	o	HOUSING, CONNECTOR 12P
[HARNESS (SP LED)]			
⚠	1-535-321-11	o	TERMINAL, SOLDERLESS
⚠	1-562-210-11	s	CONTACT, FEMALE AWG18-22
⚠	1-562-285-11	s	HOUSING, CONNECTOR 4P
	1-569-193-11	o	CONTACT, FEMALE
	1-569-196-11	o	HOUSING, CONNECTOR 3P

DP-131 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-636-210-11	o	PRINTED CIRCUIT BOARD, DP-131
1pc	1-526-652-21	o	SOCKET, IC 8P
CN1	1-564-002-11	s	CONNECTOR 3P, MALE
D1	8-719-921-06	s	LED HLMP-2965, RED
R1	1-249-403-11	s	CARBON 68 5% 1/4W
R2	1-249-403-11	s	CARBON 68 5% 1/4W
R3	1-249-403-11	s	CARBON 68 5% 1/4W
R4	1-249-403-11	s	CARBON 68 5% 1/4W

MB-633 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-742-A	o	MOUNTED CIRCUIT BOARD, MB-633
(This assembly includes the following parts.)			
C1	1-115-364-11	s	ELECT 22000uF 20% 16V
C2	1-115-364-11	s	ELECT 22000uF 20% 16V
CN2	1-560-177-00	o	CONNECTOR, 4P, MALE
CN4	1-560-752-00	o	CONNECTOR, 9P, MALE
CN6	1-506-468-11	o	CONNECTOR 3P, MALE
R1	1-216-634-11	s	METAL, CHIP 200 0.5% 1/10W
R2	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R3	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R4	1-216-634-11	s	METAL, CHIP 200 0.5% 1/10W
R5	1-216-634-11	s	METAL, CHIP 200 0.5% 1/10W
R6	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W

PIF-14 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-562-A	o	MOUNTED CIRCUIT BOARD, PIF-14
(This assembly includes the following parts.)			
1pc	3-606-748-01	o	PANEL,PIF-14
1pc	3-606-756-01	o	SHEET,INSULATING(100)
1pc	3-606-757-01	o	SHEET,INSULATING(112)
2pcs	3-172-089-01	o	HANDLE
7pcs	7-682-546-04	s	SCREW +B 3X5
1pc	3-611-613-01	o	SHEET
C1	1-126-949-11	s	ELECT 220uF 20% 35V
C2	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C3	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C4	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C5-12	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C13	1-126-948-11	s	ELECT 100uF 20% 35V
C14-22	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C23	1-126-399-11	s	ELECT, CHIP 10uF 20% 35V
C24	1-126-399-11	s	ELECT, CHIP 10uF 20% 35V
C25	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C26	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C27	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C28-32	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C33	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C34	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C35	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C36	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C37-42	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C43	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C44-48	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C49	1-163-121-00	s	CERAMIC, CHIP 150PF 5% 50V
C50	1-163-121-00	s	CERAMIC, CHIP 150PF 5% 50V
C51	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C52	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C53	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C54	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C55	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C56	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C57	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C58	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C59	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C60	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C61	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C62	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C63	1-107-823-11	s	CERAMIC 0.47uF 10% 16V
C64	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C65-79	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C80	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C81	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C82	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C83	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C84	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C85	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C86	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

(PIF-14 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C87	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C88	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C89	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C90	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C91	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C92	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C93	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C94	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C95	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C96	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C97	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C98	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C99	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C100	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C101	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C102	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C103	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C104	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C107	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C108	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C109	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C110	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C115	1-107-823-11	s	CERAMIC 0.47uF 10% 16V
C117	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C120	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C121	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1000	1-101-004-00	s	CERAMIC 0.01uF 50V
C1001	1-101-004-00	s	CERAMIC 0.01uF 50V
CN1	1-750-795-21	s	CONNECTOR, PC BOARD 120P, MALE
CN2	1-563-323-11	s	CONNECTOR, D-SUB 9P, FEMALE
CN3	1-563-323-11	s	CONNECTOR, D-SUB 9P, FEMALE
CN4	1-764-273-11	s	CONNECTOR, BNC, RECEPTACLE
CN5	8-749-013-73	s	HIC SDM3183-XF-KS
CN6	1-764-273-11	s	CONNECTOR, BNC, RECEPTACLE
CN7	1-764-273-11	s	CONNECTOR, BNC, RECEPTACLE
CN8	1-764-273-11	s	CONNECTOR, BNC, RECEPTACLE
CNI17	1-251-421-11	o	SOCKET, IC (20 CORE)
CNI21	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI22	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI23	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI32	1-251-351-11	o	SOCKET, IC (PLCC) 44P
COR9	1-770-781-11	o	HEADER, CONNECTOR 3P, MALE
COR10	1-770-781-11	o	HEADER, CONNECTOR 3P, MALE
D1	8-719-974-39	s	LED HLMP-6300-010, RED
D2	8-719-974-39	s	LED HLMP-6300-010, RED
D3	8-719-974-39	s	LED HLMP-6300-010, RED
D4	8-719-974-39	s	LED HLMP-6300-010, RED
D5	8-719-974-40	s	LED HLMP-6400-010, YEL
D6	8-719-974-40	s	LED HLMP-6400-010, YEL
D7	8-719-974-40	s	LED HLMP-6400-010, YEL
D8	8-719-974-41	s	LED HLMP-6500-010, GRN
D9	8-719-974-41	s	LED HLMP-6500-010, GRN
D10	8-719-062-04	s	DIODE BB212
D11-19	8-719-988-62	s	DIODE 1SS355
D20	8-719-974-41	s	LED HLMP-6500-010, GRN
D21	8-719-974-41	s	LED HLMP-6500-010, GRN
D22	8-719-988-62	s	DIODE 1SS355

(PIF-14 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D23	8-719-988-62	s	DIODE 1SS355
D24	8-719-988-62	s	DIODE 1SS355
D25	8-719-988-62	s	DIODE 1SS355
E1	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E2	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E3	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E4	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
FL1-7	1-424-008-11	s	FILTER, NOISE (SIGNAL LINE)
FL9-15	1-233-287-21	s	FILTER, EMI (SMD)
IC1	8-759-547-12	s	IC SN74ABT574APW-E05
IC2	8-759-443-54	s	IC IDT49FCT805ASO-TL
IC3	8-759-445-79	s	IC TC7662ACPA
IC4	8-759-080-00	s	IC TC74VHC540FS(EL)
IC5	8-759-445-77	s	IC SN74ABT245ADB-E05
IC6	8-759-547-12	s	IC SN74ABT574APW-E05
IC7	8-759-079-88	s	IC TC74VHCT245FS(EL)
IC8	8-759-547-12	s	IC SN74ABT574APW-E05
IC9	8-759-547-12	s	IC SN74ABT574APW-E05
IC10	8-759-454-03	s	IC IDT74FCT574CTSO-TL
IC11	8-759-443-54	s	IC IDT49FCT805ASO-TL
IC12	8-759-547-12	s	IC SN74ABT574APW-E05
IC13	8-759-079-88	s	IC TC74VHCT245FS(EL)
IC14	8-759-437-51	s	IC IDT7130SA25J
IC15	8-759-437-51	s	IC IDT7130SA25J
IC16	8-759-443-56	s	IC DSP56004FJ50
IC17	8-759-444-02	o	IC 16V8-CLKG-V1.1
IC18	8-759-989-91	s	IC TL7705ACPS
IC19	8-759-079-49	s	IC TC74VHC04FS(EL)
IC20	8-759-079-60	s	IC TC74VHC32FS(EL)
IC21	8-759-443-99	o	IC P1016-CBUS-V1.2
IC22	8-759-468-62	o	IC P1016-DIO-V1.5
IC23	8-759-443-97	o	IC P1016-LINK-V1.2
IC24	8-759-440-77	s	IC SN74ABT125PW-E05
IC25	8-759-079-67	s	IC TC74VHC125FS(EL)
IC26	8-759-544-66	s	IC HM628512ALFP-7
IC27	8-759-079-87	s	IC TC74VHC245FS(EL)
IC28	8-759-079-47	s	IC TC74VHCT00FS(EL)
IC29	8-759-544-66	s	IC HM628512ALFP-7
IC30	8-759-194-86	s	IC MC68302FC16C
IC31	8-759-079-62	s	IC TC74VHCT74FS(EL)
IC33	8-759-080-91	s	IC MM74HC4046M
IC34	8-759-440-64	s	IC XC3090A-7PQ160C
IC35	8-759-437-50	s	IC IDT72201L25J
IC36	8-759-079-87	s	IC TC74VHC245FS(EL)
IC37	8-759-079-98	s	IC TC74VHCT374FS(EL)
IC38	8-759-437-50	s	IC IDT72201L25J
IC39	8-759-079-98	s	IC TC74VHCT374FS(EL)
IC40	8-759-441-97	s	IC Z84C4310FEC
IC41	8-759-342-94	s	IC IDT71256SA20Y
IC42	8-759-167-54	s	IC AM7968-125DC
IC43	8-759-167-55	s	IC AM7969-125DC
IC44	8-759-926-30	s	IC AM26LS30PC
IC45	8-759-443-58	s	IC DS34C86TMX
IC46	8-759-276-35	s	IC ADM202JRN
IC47	8-759-079-47	s	IC TC74VHCT00FS(EL)
IC48	8-759-440-77	s	IC SN74ABT125PW-E05
IC49	8-759-711-58	s	IC NJM78L05UA
IC50	8-759-045-17	s	IC NJM79L05UA

(PIF-14 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC51	8-759-440-77	s	IC SN74ABT125PW-E05
IC52	8-759-079-67	s	IC TC74VHC125FS(EL)
L1	1-408-789-21	s	INDUCTOR, CHIP 100uH
L2	1-408-789-21	s	INDUCTOR, CHIP 100uH
L3	1-408-789-21	s	INDUCTOR, CHIP 100uH
L4	1-416-197-11	s	RF COIL
L5	1-446-330-00	s	TRANSFORMER
Q1	8-729-023-69	s	TRANSISTOR 2N2369A
Q2	8-729-023-69	s	TRANSISTOR 2N2369A
Q3	8-729-230-49	s	TRANSISTOR 2SC2712-YG
R1-8	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R9	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R10	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R11	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R12	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R13-20	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R21	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R22	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R23	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R24-31	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R32	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R33	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R34	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R35	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R36	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R38-52	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R53	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R54	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R55	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R56	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R57-64	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R65	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R66	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R67	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R68	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R69	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R70	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R71	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R72	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R73	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R74	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R75	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R76	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R77	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R78	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R79	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R80	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R81	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R82	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R83	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R84	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R85	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R86	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R87	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W

(PIF-14 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R88	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R89	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R90	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R91	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R92	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R93	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R94	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R95	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R96	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R97	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R98	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R99	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R100	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R101	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R102	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W
R103	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R104	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R105	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R106	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R107	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R108	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R109	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R110	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R111	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R112	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R113	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R114	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R115	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R116	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R117	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R118-126	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R127	1-216-695-11	s	METAL, CHIP 68K 0.5% 1/10W
R128	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R129	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R130	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W
R131	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R132-139	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R140	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R141	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R142	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R143	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R144	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R145	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R146	1-216-629-11	s	METAL, CHIP 120 0.5% 1/10W
R147	1-216-629-11	s	METAL, CHIP 120 0.5% 1/10W
R148	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R149	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R151	1-216-629-11	s	METAL, CHIP 120 0.5% 1/10W
R152	1-216-629-11	s	METAL, CHIP 120 0.5% 1/10W
R153	1-218-776-11	s	METAL 1M 0.5% 1/10W
R155	1-216-671-11	s	METAL, CHIP 6.8K 0.5% 1/10W
R156	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R161	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R162	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R163	1-216-629-11	s	METAL, CHIP 120 0.5% 1/10W
R164	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R165	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W

(PIF-14 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R166	1-216-629-11	s	METAL, CHIP 120 0.5% 1/10W
R167	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R168	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W
R169	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W
R170	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R171	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R172	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R174	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W
R175	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R176	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R177	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R180	1-216-630-11	s	METAL, CHIP 130 0.5% 1/10W
R181	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R182	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R183	1-216-630-11	s	METAL, CHIP 130 0.5% 1/10W
R184	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R185	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R186	1-216-630-11	s	METAL, CHIP 130 0.5% 1/10W
R187	1-216-630-11	s	METAL, CHIP 130 0.5% 1/10W
S1	1-571-780-11	s	SWITCH, DIP (4 KEY)
S2	1-571-787-31	s	SWITCH, PUSH
S3	1-762-081-11	s	SWITCH, SLIDE
S4	1-762-081-11	s	SWITCH, SLIDE
T1	1-431-394-11	s	TRANSFORMER (48KTR)
TP1-14	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
X1	1-760-969-21	s	CRYSTAL 25.000MHz

FRAME FOR OXF-IO300

Ref. No. or Q'ty	Part No.	SP	Description
[HARNESS (LINK AC)]			
⚠	1-537-562-11	o	TERMINAL, SOLDERLESS
⚠	1-537-568-11	o	TERMINAL, GROUND
⚠	1-565-787-21	o	CONTACT, FEMALE AWG20-14
⚠	1-565-788-11	o	HOUSING, CONNECTOR
⚠	1-570-384-11	s	SWITCH, ROCKER (AC POWER)
[HARNESS (LINK +5V)]			
	1-537-562-11	o	TERMINAL, SOLDERLESS
	1-537-568-11	o	TERMINAL, GROUND
	1-561-072-00	o	HOUSING, 9P
	1-568-478-11	o	CONTACT, SOCKET
[HARNESS (LINK +18V)]			
	1-537-562-11	o	TERMINAL, SOLDERLESS
	1-537-568-11	o	TERMINAL, GROUND
	1-561-070-00	o	HOUSING, 4P
	1-568-478-11	o	CONTACT, SOCKET
[HARNESS (LINK LED)]			
	1-569-193-11	o	CONTACT, FEMALE
	1-569-196-11	o	HOUSING 3P

3-3-4. DMBK-R3011

ADC-25 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	3-606-755-01	o	MOUNTING PANEL,A/D CARD
2pcs	3-172-089-01	o	HANDLE
16pcs	7-621-259-35	s	SCREW +P 2.6X5
3pcs	7-682-546-04	s	SCREW +B 3X5
1pc	3-611-613-01	o	SHEET
C1	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C2	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C3	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C4	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C5	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C6	1-128-401-11	s	ELECT 100uF 20% 25V
C7	1-107-823-11	s	CERAMIC 0.47uF 10% 16V
C8	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C9	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C10	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C11	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C12	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C13	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C14	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C15	1-128-551-11	s	ELECT 22uF 20% 63V
C16	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C17	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C18	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C19	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C20	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C21	1-163-121-00	s	CERAMIC, CHIP 150PF 5% 50V
C22	1-124-915-11	s	ELECT 10uF 20% 63V
C23	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C24	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C25	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C26	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C27	1-126-399-11	s	ELECT, CHIP 10uF 20% 35V
C28	1-126-399-11	s	ELECT, CHIP 10uF 20% 35V
C29	1-128-405-11	s	ELECT 22uF 20% 50V
C30	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C31	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C32	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C33	1-128-393-11	s	ELECT 100uF 20% 10V
C34	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C35	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C36	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C37	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C38	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C39	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C40	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C41	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C42	1-128-393-11	s	ELECT 100uF 20% 10V
C43-48	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C49	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C50	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C51	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C52	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C53	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C54	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C55	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C56	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C57	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C58	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V

(ADC-25 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C59	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C60	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C61	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C62	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C63	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C64	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C65	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C66	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C67	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C68	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C69	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C70	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C71	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C72	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C73	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C74	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C75	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C76	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C77	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C78	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C79	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C80	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C81	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C82	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C83	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C84	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C85	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C86	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C87	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C88	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C89	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C90	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C91	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C92	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C93	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C94	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C95	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C96	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C97	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C98	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C99	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C100	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C101	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C102	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C103	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C104	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C105	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C106	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C107	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C108	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C109	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C110	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C111	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C112	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C113-126	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C127	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C128	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C129	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

(ADC-25 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C130	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C131	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C132	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C133	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C134	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C135	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C136	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C137	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C138	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C139	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C140	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C141	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C142	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C143	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C144	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C145	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C146	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C147	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C148	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C149	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C150	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C151	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C152	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C153	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C154	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C155	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C156	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C157	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C158-165	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C166	1-104-549-11	s	FILM 0.0068uF 5% 16V
C167	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C168	1-104-549-11	s	FILM 0.0068uF 5% 16V
C169	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C170	1-104-549-11	s	FILM 0.0068uF 5% 16V
C171	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C172	1-104-549-11	s	FILM 0.0068uF 5% 16V
C173-185	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C186	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C187	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C188	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C189	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C190	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C191	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C192	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C193	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C194	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C195	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C196	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C197	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C198	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C199	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C200-209	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C210	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C211	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C212	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C213	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V

(ADC-25 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C214	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C215	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C216	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C217	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C218	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C219	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C220	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C221	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C222	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C223	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C224	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C225	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C226	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C227	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C228	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C229	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C230-237	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C238	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C239	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C240	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C241	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C242	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C243	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C244	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C245	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C246	1-104-529-11	s	FILM 150PF 5% 50V
C247	1-104-529-11	s	FILM 150PF 5% 50V
C248	1-104-555-11	s	FILM 0.022uF 5% 16V
C249	1-104-529-11	s	FILM 150PF 5% 50V
C250	1-104-529-11	s	FILM 150PF 5% 50V
C251	1-104-555-11	s	FILM 0.022uF 5% 16V
C252	1-104-529-11	s	FILM 150PF 5% 50V
C253	1-104-529-11	s	FILM 150PF 5% 50V
C254	1-104-555-11	s	FILM 0.022uF 5% 16V
C255	1-104-529-11	s	FILM 150PF 5% 50V
C256	1-104-529-11	s	FILM 150PF 5% 50V
C257	1-104-555-11	s	FILM 0.022uF 5% 16V
C258	1-104-555-11	s	FILM 0.022uF 5% 16V
C259	1-104-555-11	s	FILM 0.022uF 5% 16V
C260	1-104-555-11	s	FILM 0.022uF 5% 16V
C261	1-104-555-11	s	FILM 0.022uF 5% 16V
C262	1-104-529-11	s	FILM 150PF 5% 50V
C263	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C264	1-104-529-11	s	FILM 150PF 5% 50V
C265	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C266	1-104-529-11	s	FILM 150PF 5% 50V
C267	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C268	1-104-529-11	s	FILM 150PF 5% 50V
C269	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C270	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C271	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C272	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C273	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C274	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C275	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C276	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C277	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V

(ADC-25 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C278	1-128-407-11	s	ELECT 47uF 20% 50V
C279	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C280	1-128-407-11	s	ELECT 47uF 20% 50V
C281	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C282	1-128-407-11	s	ELECT 47uF 20% 50V
C283	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C284	1-128-407-11	s	ELECT 47uF 20% 50V
C285	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C286-293	1-117-928-11	s	FILM 2.2uF
C294	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C295	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C296	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C297	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C298	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C299	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C300	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C301	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
CN1	1-750-795-21	s	CONNECTOR, PC BOARD 120P, MALE
CN2-9	1-568-006-11	s	CONNECTOR, XLR 3P, FEMALE
CNI12	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI13	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI25	1-251-421-11	o	SOCKET, IC (20 CORE)
CNI26	1-251-421-11	o	SOCKET, IC (20 CORE)
D1-5	8-719-988-62	s	DIODE 1SS355
D6-18	8-719-061-45	s	DIODE UG1D-G23
D19-39	8-719-988-62	s	DIODE 1SS355
D40	8-719-977-26	s	DIODE DTZ10
D41	8-719-977-26	s	DIODE DTZ10
D42	8-719-988-62	s	DIODE 1SS355
D43	8-719-988-62	s	DIODE 1SS355
D44	8-719-977-26	s	DIODE DTZ10
D45	8-719-977-26	s	DIODE DTZ10
D46	8-719-988-62	s	DIODE 1SS355
D48	8-719-977-26	s	DIODE DTZ10
D49	8-719-977-26	s	DIODE DTZ10
D52	8-719-977-26	s	DIODE DTZ10
D53	8-719-977-26	s	DIODE DTZ10
D55-62	8-719-061-44	s	DIODE GF1M-G17
D63	8-719-974-41	s	LED HLMP-6500-010, GRN
D64	8-719-974-39	s	LED HLMP-6300-010, RED
D65	8-719-974-39	s	LED HLMP-6300-010, RED
D66	8-719-974-39	s	LED HLMP-6300-010, RED
D67	8-719-974-39	s	LED HLMP-6300-010, RED
E1-5	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
IC1	8-759-434-95	s	IC 74ACT74SJX
IC2	8-759-239-55	s	IC TC74HC123AF
IC3	8-759-925-76	s	IC SN74HC08ANS
IC4	8-759-514-63	s	IC IDT74FCT377TSO
IC5	8-759-440-77	s	IC SN74ABT125PW-E05
IC6	8-759-443-63	s	IC IDT7200L25SO-TL
IC7	8-759-443-60	s	IC IDT74FCT574ASO-TL
IC8	8-759-443-54	s	IC IDT49FCT805ASO-TL
IC9	8-759-547-12	s	IC SN74ABT574APW-E05
IC10	8-759-080-06	s	IC TC74VHC574FS(EL)

(ADC-25 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC11	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC12	8-759-438-89	o	IC PLSI1016-ADH-CB-V1.3
IC13	8-759-468-57	o	IC PLSI1016-ADH-DB-V1.5
IC14	8-759-443-56	s	IC DSP56004FJ50
IC15	8-759-443-56	s	IC DSP56004FJ50
IC16	8-759-443-56	s	IC DSP56004FJ50
IC17	8-759-443-56	s	IC DSP56004FJ50
IC18	8-759-080-06	s	IC TC74VHC574FS(EL)
IC19	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC20	8-759-080-06	s	IC TC74VHC574FS(EL)
IC21	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC22	8-759-443-64	s	IC TL783CKC
IC23	8-759-442-35	s	IC HSP43124SC-45
IC24	8-759-442-35	s	IC HSP43124SC-45
IC25	8-759-438-91	o	IC 16V8-ADH-MWR-V1.3
IC26	8-759-438-92	o	IC 16V8-ADH-BITADD-V1.2
IC27	8-759-443-60	s	IC IDT74FCT574ASO-TL
IC28	8-759-442-35	s	IC HSP43124SC-45
IC29	8-759-442-35	s	IC HSP43124SC-45
IC30	8-759-080-06	s	IC TC74VHC574FS(EL)
IC31	8-759-080-06	s	IC TC74VHC574FS(EL)
IC32	8-759-080-06	s	IC TC74VHC574FS(EL)
IC33	8-759-080-06	s	IC TC74VHC574FS(EL)
IC34	8-759-700-65	s	IC NJM79L05A
IC35	8-759-708-05	s	IC NJM78L05A
IC36	8-759-400-25	s	IC AN79L15
IC37	8-759-400-37	s	IC AN78L15
IC38	8-759-708-05	s	IC NJM78L05A
IC39	8-759-700-65	s	IC NJM79L05A
IC40	8-759-708-05	s	IC NJM78L05A
IC41	8-759-400-25	s	IC AN79L15
IC42	8-759-400-37	s	IC AN78L15
IC43	8-759-708-05	s	IC NJM78L05A
IC44	8-759-700-65	s	IC NJM79L05A
IC45	8-759-708-05	s	IC NJM78L05A
IC46	8-759-400-25	s	IC AN79L15
IC47	8-759-400-37	s	IC AN78L15
IC48	8-759-708-05	s	IC NJM78L05A
IC49	8-759-700-65	s	IC NJM79L05A
IC50	8-759-708-05	s	IC NJM78L05A
IC51	8-759-400-25	s	IC AN79L15
IC52	8-759-400-37	s	IC AN78L15
IC53	8-759-708-05	s	IC NJM78L05A
IC54	8-759-079-62	s	IC TC74VHCT74FS(EL)
IC55	8-759-079-49	s	IC TC74VHC04FS(EL)
IC56	8-759-079-62	s	IC TC74VHCT74FS(EL)
IC57	8-759-079-49	s	IC TC74VHC04FS(EL)
IC58	8-759-079-62	s	IC TC74VHCT74FS(EL)
IC59	8-759-079-49	s	IC TC74VHC04FS(EL)
IC60	8-759-079-62	s	IC TC74VHCT74FS(EL)
IC61	8-759-079-49	s	IC TC74VHC04FS(EL)
IC62	8-759-336-16	s	IC AK5390-VP
IC63	8-759-336-16	s	IC AK5390-VP
IC64	8-759-336-16	s	IC AK5390-VP
IC65	8-759-336-16	s	IC AK5390-VP
IC66	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC67	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC68	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC69	8-759-079-71	s	IC TC74VHCT138FS(EL)

(ADC-25 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC70	8-759-700-94	s	IC NJM5532M
IC71	8-759-700-94	s	IC NJM5532M
IC72	8-759-700-94	s	IC NJM5532M
IC73	8-759-700-94	s	IC NJM5532M
IC74	8-759-443-59	s	IC LF351MX
IC75	8-759-443-59	s	IC LF351MX
IC76	8-759-443-59	s	IC LF351MX
IC77	8-759-443-59	s	IC LF351MX
IC82	8-759-700-94	s	IC NJM5532M
IC83	8-759-700-94	s	IC NJM5532M
IC84	8-759-700-94	s	IC NJM5532M
IC85	8-759-700-94	s	IC NJM5532M
L1	1-408-789-21	s	INDUCTOR, CHIP 100uH
L2	1-424-643-11	s	COIL, CHOKE 10uH
L3-22	1-408-789-21	s	INDUCTOR, CHIP 100uH
L23	1-416-288-11	s	COIL (DS2034) 1.5mH
L24	1-416-288-11	s	COIL (DS2034) 1.5mH
L25	1-416-288-11	s	COIL (DS2034) 1.5mH
L26	1-416-288-11	s	COIL (DS2034) 1.5mH
L27-34	1-416-287-11	s	COIL (DS2032) 280uH
Q1	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q2	8-729-040-05	s	TRANSISTOR RFD14N05
Q3	8-729-040-05	s	TRANSISTOR RFD14N05
Q4-35	8-729-040-07	s	TRANSISTOR BSS84TA
Q36	8-729-010-49	s	TRANSISTOR 2N7002L
Q37	8-729-010-49	s	TRANSISTOR 2N7002L
Q38	8-729-010-49	s	TRANSISTOR 2N7002L
Q39	8-729-010-49	s	TRANSISTOR 2N7002L
Q40	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q41	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q42	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q43	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q44	8-729-216-31	s	TRANSISTOR 2SA1163-G
Q45	8-729-216-31	s	TRANSISTOR 2SA1163-G
Q46	8-729-216-31	s	TRANSISTOR 2SA1163-G
Q47	8-729-216-31	s	TRANSISTOR 2SA1163-G
Q51	8-729-040-04	s	TRANSISTOR LM394N
Q52	8-729-040-04	s	TRANSISTOR LM394N
Q53	8-729-040-04	s	TRANSISTOR LM394N
Q54	8-729-040-04	s	TRANSISTOR LM394N
R1	1-218-776-11	s	METAL 1M 0.5% 1/10W
R2-6	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R7	1-218-179-11	s	METAL, CHIP 10M 5% 1/10W
R8	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R9	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R10	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R11	1-216-341-11	s	METAL 0.22 5% 1W
R12	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R13	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R14	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R15	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R16	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R17-21	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W

(ADC-25 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R22-28	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R29	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R30	1-218-756-11	s	METAL 150K 0.50% 1/10W
R31	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R32	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R33	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R34	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R35	1-216-695-11	s	METAL, CHIP 68K 0.5% 1/10W
R36	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R37	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R38	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R39	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R40	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R41	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R42	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R43	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R44-55	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R56	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R57	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R58	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R59	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R60	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R61	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R62	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R63	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R64	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R65	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R66	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R67	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R68	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R69	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R70	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R71	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R72-79	1-216-617-11	s	METAL, CHIP 39 0.50% 1/10W
R80	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R81	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R82	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R83	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R84	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W
R85	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W
R86	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W
R87	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W
R88	1-218-776-11	s	METAL 1M 0.5% 1/10W
R89	1-218-776-11	s	METAL 1M 0.5% 1/10W
R90	1-218-776-11	s	METAL 1M 0.5% 1/10W
R91	1-218-776-11	s	METAL 1M 0.5% 1/10W
R92	1-220-840-11	s	METAL 2.43K 0.10% 1/10W
R93	1-220-840-11	s	METAL 2.43K 0.10% 1/10W
R94	1-220-840-11	s	METAL 2.43K 0.10% 1/10W
R95	1-220-840-11	s	METAL 2.43K 0.10% 1/10W
R96	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R97	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R98	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R99	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R100	1-220-154-11	s	METAL 100K 0.10% 1/10W
R101	1-220-154-11	s	METAL 100K 0.10% 1/10W

(ADC-25 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R102	1-220-154-11	s	METAL 100K 0.10% 1/10W
R103	1-220-154-11	s	METAL 100K 0.10% 1/10W
R104	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R105	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R106	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R107	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R108	1-216-133-00	s	METAL, CHIP 3.3M 5% 1/10W
R109	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R110	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R111	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R112	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R113	1-216-133-00	s	METAL, CHIP 3.3M 5% 1/10W
R114	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R115	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R116	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R117	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R118	1-216-133-00	s	METAL, CHIP 3.3M 5% 1/10W
R119	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R120	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R121	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R122	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R123	1-216-133-00	s	METAL, CHIP 3.3M 5% 1/10W
R124	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R125	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R126	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R127	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R128	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R129	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R130	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R131	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R132	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R133	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R134	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R135	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R136	1-218-367-11	s	METAL 10K 0.10% 1/10W
R137	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R138	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R139	1-218-367-11	s	METAL 10K 0.10% 1/10W
R140	1-220-829-11	s	METAL 2K 0.10% 1/10W
R141	1-218-367-11	s	METAL 10K 0.10% 1/10W
R142	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R143	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R144	1-218-367-11	s	METAL 10K 0.10% 1/10W
R145	1-220-829-11	s	METAL 2K 0.10% 1/10W
R146	1-218-367-11	s	METAL 10K 0.10% 1/10W
R147	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R148	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R149	1-218-367-11	s	METAL 10K 0.10% 1/10W
R150	1-220-829-11	s	METAL 2K 0.10% 1/10W
R151	1-218-367-11	s	METAL 10K 0.10% 1/10W
R152	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R153	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R154	1-218-367-11	s	METAL 10K 0.10% 1/10W
R155	1-220-829-11	s	METAL 2K 0.10% 1/10W
R156-163	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R164	1-220-837-11	s	METAL 866 0.10% 1/10W
R165	1-220-837-11	s	METAL 866 0.10% 1/10W
R166	1-220-837-11	s	METAL 866 0.10% 1/10W

(ADC-25 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R167	1-220-837-11	s	METAL 866 0.10% 1/10W
R168	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R169	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R170	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R171	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R172	1-220-833-11	s	METAL 402 0.10% 1/10W
R173	1-220-833-11	s	METAL 402 0.10% 1/10W
R174	1-220-833-11	s	METAL 402 0.10% 1/10W
R175	1-220-833-11	s	METAL 402 0.10% 1/10W
R176	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R177	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R178	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R179	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R180	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R181	1-220-831-11	s	METAL 196 0.10% 1/10W
R182	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R183	1-220-831-11	s	METAL 196 0.10% 1/10W
R184	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R185	1-220-831-11	s	METAL 196 0.10% 1/10W
R186	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R187	1-220-831-11	s	METAL 196 0.10% 1/10W
R188-192	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R193	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R194	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R195	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R196	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R197	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R198	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R199	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R200	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R201	1-219-710-11	s	METAL 100 0.10% 1/10W
R202	1-219-710-11	s	METAL 100 0.10% 1/10W
R203	1-219-710-11	s	METAL 100 0.10% 1/10W
R204	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R205	1-219-710-11	s	METAL 100 0.10% 1/10W
R206	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R207	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R208	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R209	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R210	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R211	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R212	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R213	1-220-154-11	s	METAL 100K 0.10% 1/10W
R214	1-220-154-11	s	METAL 100K 0.10% 1/10W
R215	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R216	1-220-154-11	s	METAL 100K 0.10% 1/10W
R217	1-220-154-11	s	METAL 100K 0.10% 1/10W
R218	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R219	1-220-154-11	s	METAL 100K 0.10% 1/10W
R220	1-220-154-11	s	METAL 100K 0.10% 1/10W
R221	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R222	1-220-154-11	s	METAL 100K 0.10% 1/10W
R223	1-220-154-11	s	METAL 100K 0.10% 1/10W
R224	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R225	1-220-836-11	s	METAL 825 0.10% 1/10W
R226	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R227	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W

3-3-5. DMBK-R3002

(ADC-25 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R228	1-220-836-11	s	METAL 825 0.10% 1/10W
R229	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R230	1-220-836-11	s	METAL 825 0.10% 1/10W
R231	1-220-836-11	s	METAL 825 0.10% 1/10W
R232	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R233	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R234	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R235	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R236-243	1-220-829-11	s	METAL 2K 0.10% 1/10W
R244	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R245	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R246	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R247	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R248	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R249	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R250	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R251	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R252	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R253	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R254	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R255	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R264	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R265	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R266	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R267	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R268	1-220-828-11	s	METAL 750 0.10% 1/10W
R269	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R270	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R271	1-220-828-11	s	METAL 750 0.10% 1/10W
R272	1-220-828-11	s	METAL 750 0.10% 1/10W
R273	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R274	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R275	1-220-828-11	s	METAL 750 0.10% 1/10W
R276	1-220-828-11	s	METAL 750 0.10% 1/10W
R277	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R278	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R279	1-220-828-11	s	METAL 750 0.10% 1/10W
R280	1-220-828-11	s	METAL 750 0.10% 1/10W
R281	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R282	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R283	1-220-828-11	s	METAL 750 0.10% 1/10W
R284	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R285	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R286	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
RB1	1-239-409-11	s	NETWORK, CHIP 47X4 5%
RB2	1-239-409-11	s	NETWORK, CHIP 47X4 5%
RB3-10	1-236-907-11	s	NETWORK, CHIP 100Kx4 5% 1/16W
RV1-8	1-237-039-11	s	RES, ADJ METAL 100K
RY1-8	1-515-716-11	s	RELAY (TQ2-5V)
RY9-40	1-755-222-11	s	RELAY
T1	1-431-395-11	s	TRANSFORMER (FINV-1)
T2-9	1-416-289-11	s	COIL (TROID40) 44uH
TP1-6	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)

DAC-18 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	3-606-761-01	o	PANEL,DAC-18 BOARD
2pcs	3-172-089-01	o	HANDLE
8pcs	7-621-259-35	s	SCREW +P 2.6X5
3pcs	7-682-546-04	s	SCREW +B 3X5
1pc	3-611-613-01	o	SHEET
C1	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C2	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C3	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C4	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C5	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C6	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C7	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C8	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C9	1-128-401-11	s	ELECT 100uF 20% 25V
C10	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C11	1-107-823-11	s	CERAMIC 0.47uF 10% 16V
C12	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C13	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C14	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C15	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C16	1-163-121-00	s	CERAMIC, CHIP 150PF 5% 50V
C17	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C18	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C19	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C20	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C21	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C22-42	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C43	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C44	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C45	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C46	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C47	1-128-393-11	s	ELECT 100uF 20% 10V
C48	1-128-393-11	s	ELECT 100uF 20% 10V
C49	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C50	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C51-58	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C59	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C60	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C61	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C62	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C63	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C64	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C65	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C66	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C67	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C68	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C69	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C70	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C71	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C72	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C73	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C74	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C75	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C76	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C77	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C78	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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(DAC-18 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C79	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C80	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C81	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C82	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C83	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C84	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C85	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C86	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C87-98	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C99	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C100	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C101	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C102	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C103	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C104	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C105	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C106	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C107	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C108	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C109	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C110	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C111	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C112	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C113	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C114	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C115	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C116	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C117	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C118	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C119	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C120	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C121	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C122	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C123	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C124	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C125	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C126	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C127	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C128	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C129	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C130	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C131	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C132	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C133	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C134	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C135	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C136	1-128-393-11	s	ELECT 100uF 20% 10V
C137	1-128-393-11	s	ELECT 100uF 20% 10V
C138	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C139	1-128-393-11	s	ELECT 100uF 20% 10V
C140	1-128-393-11	s	ELECT 100uF 20% 10V
C141	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C142	1-128-393-11	s	ELECT 100uF 20% 10V
C143	1-128-393-11	s	ELECT 100uF 20% 10V
C144	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C145	1-128-393-11	s	ELECT 100uF 20% 10V
C146	1-128-393-11	s	ELECT 100uF 20% 10V
C147	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V

(DAC-18 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C148	1-128-393-11	s	ELECT 100uF 20% 10V
C149	1-128-393-11	s	ELECT 100uF 20% 10V
C150	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C151	1-128-393-11	s	ELECT 100uF 20% 10V
C152	1-128-393-11	s	ELECT 100uF 20% 10V
C153	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C154	1-128-393-11	s	ELECT 100uF 20% 10V
C155	1-128-393-11	s	ELECT 100uF 20% 10V
C156	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C157	1-128-393-11	s	ELECT 100uF 20% 10V
C158	1-128-393-11	s	ELECT 100uF 20% 10V
C159	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C160	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C161	1-163-085-00	s	CERAMIC, CHIP 2PF 50V
C162	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C163	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C164	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C165	1-163-085-00	s	CERAMIC, CHIP 2PF 50V
C166	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C167	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C168	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C169	1-163-085-00	s	CERAMIC, CHIP 2PF 50V
C170	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C171	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C172	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C173	1-163-085-00	s	CERAMIC, CHIP 2PF 50V
C174	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C175	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C176	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C177	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C178	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C179	1-104-531-11	s	FILM 220PF 5% 50V
C180	1-104-531-11	s	FILM 220PF 5% 50V
C181	1-104-531-11	s	FILM 220PF 5% 50V
C182	1-104-531-11	s	FILM 220PF 5% 50V
C183	1-104-537-11	s	FILM 680PF 5% 50V
C184	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C185	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C186	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C187	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C188	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C189	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C190	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C191	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C192	1-104-537-11	s	FILM 680PF 5% 50V
C193	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C194	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C195	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C196	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C197	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C198	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C199	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C200	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C201	1-104-537-11	s	FILM 680PF 5% 50V
C202	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C203	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C204	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C205	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C206	1-163-222-11	s	CERAMIC, CHIP 5PF 50V

(DAC-18 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C207	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C208	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C209	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C210	1-104-537-11	s	FILM 680PF 5% 50V
C211	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C212	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C213	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C214	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C215	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C216	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C217	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C218	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C219	1-104-539-11	s	FILM 0.001uF 5% 50V
C220	1-104-539-11	s	FILM 0.001uF 5% 50V
C221	1-104-539-11	s	FILM 0.001uF 5% 50V
C222	1-104-539-11	s	FILM 0.001uF 5% 50V
C223	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C224	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C225	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C226	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C227-234	1-104-539-11	s	FILM 0.001uF 5% 50V
C235	1-104-537-11	s	FILM 680PF 5% 50V
C236	1-104-539-11	s	FILM 0.001uF 5% 50V
C237	1-104-537-11	s	FILM 680PF 5% 50V
C238	1-104-539-11	s	FILM 0.001uF 5% 50V
C239	1-104-537-11	s	FILM 680PF 5% 50V
C240	1-104-539-11	s	FILM 0.001uF 5% 50V
C241	1-104-537-11	s	FILM 680PF 5% 50V
C242	1-104-539-11	s	FILM 0.001uF 5% 50V
C243	1-104-531-11	s	FILM 220PF 5% 50V
C244	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C245	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C246	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C247	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C248	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C249	1-104-531-11	s	FILM 220PF 5% 50V
C250	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C251	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C252	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C253	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C254	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C255	1-104-531-11	s	FILM 220PF 5% 50V
C256	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C257	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C258	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C259	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C260	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C261	1-104-531-11	s	FILM 220PF 5% 50V
C262	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C263	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C264	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C265	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C266	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C267	1-163-231-11	s	CERAMIC 15PF 5% 50V
C268	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C269	1-163-231-11	s	CERAMIC 15PF 5% 50V
C270	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C271	1-163-231-11	s	CERAMIC 15PF 5% 50V

(DAC-18 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C272	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C273	1-163-231-11	s	CERAMIC 15PF 5% 50V
C274	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C275	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C276	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C277	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C278	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C279	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C280	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C281	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C282	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C283	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C284	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C285-290	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C291	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C292	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C293	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C294	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C295	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C296	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C297	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C298-302	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C303	1-126-948-11	s	ELECT 100uF 20% 35V
C304	1-126-948-11	s	ELECT 100uF 20% 35V
C305	1-126-948-11	s	ELECT 100uF 20% 35V
C306	1-126-948-11	s	ELECT 100uF 20% 35V
C307	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C308	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C309	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C310	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C311	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C312	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C313	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C314	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C315	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C316	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C317	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C318	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C319	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C320	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C321	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C322	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
CN1	1-750-795-21	s	CONNECTOR, PC BOARD 120P, MALE
CN2	1-568-005-11	s	CONNECTOR, XLR 3P, MALE
CN3	1-568-005-11	s	CONNECTOR, XLR 3P, MALE
CN4	1-568-005-11	s	CONNECTOR, XLR 3P, MALE
CN5	1-568-005-11	s	CONNECTOR, XLR 3P, MALE
CNI2	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI7	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI10	1-251-421-11	o	SOCKET, IC (20 CORE)
D1	8-719-974-41	s	LED HLMP-6500-010, GRN
D2	8-719-974-39	s	LED HLMP-6300-010, RED
D3	8-719-974-39	s	LED HLMP-6300-010, RED
D4	8-719-974-39	s	LED HLMP-6300-010, RED
D5	8-719-974-39	s	LED HLMP-6300-010, RED
D6-10	8-719-988-62	s	DIODE 1SS355

(DAC-18 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D11-19	8-719-061-45	s	DIODE UG1D-G23
D20-35	8-719-988-62	s	DIODE 1SS355
E1-5	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
IC1	8-759-925-76	s	IC SN74HC08ANS
IC2	8-759-438-86	o	IC PLSI1016-DAH-CB-V1.1
IC3	8-759-440-77	s	IC SN74ABT125PW-E05
IC4	8-759-547-12	s	IC SN74ABT574APW-E05
IC5	8-759-443-60	s	IC IDT74FCT574ASO-TL
IC6	8-759-443-54	s	IC IDT49FCT805ASO-TL
IC7	8-759-468-58	o	IC PLSI1016-DAH-DB-V1.5
IC8	8-759-434-95	s	IC 74ACT74SJX
IC9	8-759-239-55	s	IC TC74HC123AF
IC10	8-759-438-88	o	IC 16V8-DAH-MRD-V1.3
IC11	8-759-443-56	s	IC DSP56004FJ50
IC12	8-759-443-56	s	IC DSP56004FJ50
IC13	8-759-443-63	s	IC IDT7200L25SO-TL
IC14	8-759-443-56	s	IC DSP56004FJ50
IC15	8-759-443-56	s	IC DSP56004FJ50
IC16	8-759-443-60	s	IC IDT74FCT574ASO-TL
IC17	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC18	8-759-080-06	s	IC TC74VHC574FS(EL)
IC19	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC20	8-759-080-06	s	IC TC74VHC574FS(EL)
IC21	8-759-443-56	s	IC DSP56004FJ50
IC22	8-759-443-56	s	IC DSP56004FJ50
IC23	8-759-443-56	s	IC DSP56004FJ50
IC24	8-759-443-56	s	IC DSP56004FJ50
IC25	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC26	8-759-080-06	s	IC TC74VHC574FS(EL)
IC27	8-759-985-18	s	IC 74AC08SJ
IC28	8-759-079-87	s	IC TC74VHC245FS(EL)
IC29	8-759-985-18	s	IC 74AC08SJ
IC30	8-759-079-87	s	IC TC74VHC245FS(EL)
IC31	8-759-985-18	s	IC 74AC08SJ
IC32	8-759-079-87	s	IC TC74VHC245FS(EL)
IC33	8-759-985-18	s	IC 74AC08SJ
IC34	8-759-079-87	s	IC TC74VHC245FS(EL)
IC35	8-759-400-37	s	IC AN78L15
IC36	8-759-400-25	s	IC AN79L15
IC37	8-759-708-05	s	IC NJM78L05A
IC38	8-759-708-05	s	IC NJM78L05A
IC39	8-759-700-65	s	IC NJM79L05A
IC40	8-759-400-37	s	IC AN78L15
IC41	8-759-400-25	s	IC AN79L15
IC42	8-759-708-05	s	IC NJM78L05A
IC43	8-759-708-05	s	IC NJM78L05A
IC44	8-759-700-65	s	IC NJM79L05A
IC45	8-759-400-37	s	IC AN78L15
IC46	8-759-400-25	s	IC AN79L15
IC47	8-759-708-05	s	IC NJM78L05A
IC48	8-759-708-05	s	IC NJM78L05A
IC49	8-759-700-65	s	IC NJM79L05A
IC50	8-759-400-37	s	IC AN78L15
IC51	8-759-400-25	s	IC AN79L15
IC52	8-759-708-05	s	IC NJM78L05A
IC53	8-759-708-05	s	IC NJM78L05A
IC54	8-759-700-65	s	IC NJM79L05A
IC55	8-759-400-37	s	IC AN78L15

(DAC-18 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC56	8-759-400-37	s	IC AN78L15
IC57	8-759-400-37	s	IC AN78L15
IC58	8-759-400-37	s	IC AN78L15
IC59-66	8-759-253-89	s	IC PCM1702U-K
IC67	8-759-443-45	s	IC NE5534AD-T1
IC68	8-759-443-45	s	IC NE5534AD-T1
IC69	8-759-443-45	s	IC NE5534AD-T1
IC70	8-759-434-95	s	IC 74ACT74SJX
IC71	8-759-443-45	s	IC NE5534AD-T1
IC72	8-759-443-45	s	IC NE5534AD-T1
IC73	8-759-443-45	s	IC NE5534AD-T1
IC74	8-759-434-95	s	IC 74ACT74SJX
IC75	8-759-443-45	s	IC NE5534AD-T1
IC76	8-759-443-45	s	IC NE5534AD-T1
IC77	8-759-443-45	s	IC NE5534AD-T1
IC78	8-759-434-95	s	IC 74ACT74SJX
IC79	8-759-443-45	s	IC NE5534AD-T1
IC80	8-759-443-45	s	IC NE5534AD-T1
IC81	8-759-443-45	s	IC NE5534AD-T1
IC82	8-759-434-95	s	IC 74ACT74SJX
IC83	8-759-700-94	s	IC NJM5532M
IC84	8-759-700-94	s	IC NJM5532M
IC85	8-759-700-94	s	IC NJM5532M
IC86	8-759-700-94	s	IC NJM5532M
IC87	8-759-914-01	s	IC AD7524JN
IC88	8-759-914-01	s	IC AD7524JN
IC89	8-759-914-01	s	IC AD7524JN
IC90	8-759-914-01	s	IC AD7524JN
IC91-106	8-759-443-46	s	IC NE5534D-T1
L1	1-408-789-21	s	INDUCTOR, CHIP 100uH
L2	1-424-643-11	s	COIL, CHOKE 10uH
L3	1-408-789-21	s	INDUCTOR, CHIP 100uH
L4	1-408-789-21	s	INDUCTOR, CHIP 100uH
L5	1-408-789-21	s	INDUCTOR, CHIP 100uH
L6	1-408-789-21	s	INDUCTOR, CHIP 100uH
L7	1-416-288-11	s	COIL (DS2034) 1.5mH
L8	1-416-288-11	s	COIL (DS2034) 1.5mH
L9	1-416-288-11	s	COIL (DS2034) 1.5mH
L10	1-416-288-11	s	COIL (DS2034) 1.5mH
L11	1-416-287-11	s	COIL (DS2032) 280uH
L12	1-416-287-11	s	COIL (DS2032) 280uH
L13	1-416-287-11	s	COIL (DS2032) 280uH
L14	1-416-287-11	s	COIL (DS2032) 280uH
Q1	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q2	8-729-040-05	s	TRANSISTOR RFD14N05
Q3	8-729-040-05	s	TRANSISTOR RFD14N05
Q4-11	8-729-040-06	s	TRANSISTOR ZVN4206A
Q12	8-729-010-49	s	TRANSISTOR 2N7002L
Q13	8-729-010-49	s	TRANSISTOR 2N7002L
Q14	8-729-010-49	s	TRANSISTOR 2N7002L
Q15	8-729-010-49	s	TRANSISTOR 2N7002L
R1	1-218-776-11	s	METAL 1M 0.5% 1/10W
R2-6	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R7	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W

(DAC-18 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R8	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R9	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R10	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R11	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R12	1-218-179-11	s	METAL, CHIP 10M 5% 1/10W
R13-17	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R18	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R19	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R20	1-218-756-11	s	METAL 150K 0.50% 1/10W
R21	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R22	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R23	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R24	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R25	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R26	1-216-341-11	s	METAL 0.22 5% 1W
R27-56	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R57	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R58	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R59	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R60	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R61	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R62	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R63	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R64	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R66	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R67	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R69	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R71	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R72	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R74	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R76	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R77	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R79	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R81	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R82-92	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R93-108	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R109-116	1-220-829-11	s	METAL 2K 0.10% 1/10W
R117	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R118	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R119	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R120	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R121	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R122	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R123	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R124	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R125	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R126	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R127	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R128	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R129	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R130	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R131	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R132	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R133	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R134	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R135	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R136	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W

(DAC-18 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R137	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R138	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R139	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R140	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R141	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R142	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R143	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R144	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R145	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R146	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R147	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R148	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R149	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R150	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R151	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R152	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R153	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
RV1	1-237-036-11	s	RES, ADJ METAL 10K
RV2	1-237-036-11	s	RES, ADJ METAL 10K
RV3	1-237-036-11	s	RES, ADJ METAL 10K
RV4	1-237-036-11	s	RES, ADJ METAL 10K
RY1	1-515-716-11	s	RELAY (TQ2-5V)
RY2	1-515-716-11	s	RELAY (TQ2-5V)
RY3	1-515-716-11	s	RELAY (TQ2-5V)
RY4	1-515-716-11	s	RELAY (TQ2-5V)
T1	1-431-395-11	s	TRANSFORMER (FINV-1)
T2	1-431-396-11	s	TRANSFORMER (FOCT-1)
T3	1-431-396-11	s	TRANSFORMER (FOCT-1)
T4	1-431-396-11	s	TRANSFORMER (FOCT-1)
T5	1-431-396-11	s	TRANSFORMER (FOCT-1)
TP1-10	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)

3-3-6. DMBK-R3003

ADC-26 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	3-606-755-11	o	MOUNTING PANEL,A/D CARD
2pcs	3-172-089-01	o	HANDLE
16pcs	7-621-259-35	s	SCREW +P 2.6X5
3pcs	7-682-546-04	s	SCREW +B 3X5
1pc	3-611-613-01	o	SHEET
C1	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C2	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C3	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C4	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C5	1-128-401-11	s	ELECT 100uF 20% 25V
C6	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C7	1-107-823-11	s	CERAMIC 0.47uF 10% 16V
C8	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C9	1-128-551-11	s	ELECT 22uF 20% 63V
C10	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C11	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C12	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C13	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C14	1-163-121-00	s	CERAMIC, CHIP 150PF 5% 50V
C15	1-124-915-11	s	ELECT 10uF 20% 63V
C16	1-126-399-11	s	ELECT, CHIP 10uF 20% 35V
C17	1-126-399-11	s	ELECT, CHIP 10uF 20% 35V
C18	1-128-405-11	s	ELECT 22uF 20% 50V
C19	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C20	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C21	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C22	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C23	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C24	1-128-393-11	s	ELECT 100uF 20% 10V
C25	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C26	1-128-393-11	s	ELECT 100uF 20% 10V
C27	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C28	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C29	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C30	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C31	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C32	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C33	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C34	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C35	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C36	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C37	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C38	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C39	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C40	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C41	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C42	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C43	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C44	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C45	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C46	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C47	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C48	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C49	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C50	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C51-62	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C63-78	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C79	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V

(ADC-26 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C80	1-104-549-11	s	FILM 0.0068uF 5% 16V
C81	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C82	1-104-549-11	s	FILM 0.0068uF 5% 16V
C83	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C84	1-104-549-11	s	FILM 0.0068uF 5% 16V
C85	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C86	1-104-549-11	s	FILM 0.0068uF 5% 16V
C87-94	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C95	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C96	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C97	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C98	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C99	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C100	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C101	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C102	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C103	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C104	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C105	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C106	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C107	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C108	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C109	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C110	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C111-118	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C119-134	1-104-529-11	s	FILM 150PF 5% 50V
C135	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C136	1-117-928-11	s	FILM 2.2uF
C137	1-117-928-11	s	FILM 2.2uF
C138	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C139	1-117-928-11	s	FILM 2.2uF
C140	1-117-928-11	s	FILM 2.2uF
C141	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C142	1-117-928-11	s	FILM 2.2uF
C143	1-117-928-11	s	FILM 2.2uF
C144	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C145	1-117-928-11	s	FILM 2.2uF
C146	1-117-928-11	s	FILM 2.2uF
C147	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C148	1-117-928-11	s	FILM 2.2uF
C149	1-117-928-11	s	FILM 2.2uF
C150	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C151	1-117-928-11	s	FILM 2.2uF
C152	1-117-928-11	s	FILM 2.2uF
C153	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C154	1-117-928-11	s	FILM 2.2uF
C155	1-117-928-11	s	FILM 2.2uF
C156	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C157	1-117-928-11	s	FILM 2.2uF
C158	1-117-928-11	s	FILM 2.2uF
C159-166	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C167-174	1-128-407-11	s	ELECT 47uF 20% 50V
C175-182	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C183-190	1-104-529-11	s	FILM 150PF 5% 50V
C191-206	1-104-555-11	s	FILM 0.022uF 5% 16V
C207-214	1-163-222-11	s	CERAMIC, CHIP 5PF 50V

(ADC-26 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C215-258	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C259	1-104-549-11	s	FILM 0.0068uF 5% 16V
C260	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C261	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C262	1-104-549-11	s	FILM 0.0068uF 5% 16V
C263	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C264	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C265	1-104-549-11	s	FILM 0.0068uF 5% 16V
C266	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C267	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C268	1-104-549-11	s	FILM 0.0068uF 5% 16V
C269-306	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C308	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C309	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C310	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C312	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C313	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C314	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C315	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C316	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C317	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C318	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C319	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C320	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C321	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C322	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C323-330	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C331	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C332	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C333	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C334	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C335-363	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C364	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C365	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C366	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C367	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C368	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C369	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
CN1	1-750-795-21	s	CONNECTOR, PC BOARD 120P, MALE
CN2-9	1-568-006-11	s	CONNECTOR, XLR 3P, FEMALE
CNI7	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI8	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI13	1-251-421-11	o	SOCKET, IC (20 CORE)
D1-5	8-719-988-62	s	DIODE 1SS355
D6-18	8-719-061-45	s	DIODE UG1D-G23
D23-54	8-719-988-62	s	DIODE 1SS355
D55-70	8-719-061-44	s	DIODE GF1M-G17
D71	8-719-988-62	s	DIODE 1SS355
D72	8-719-977-26	s	DIODE DTZ10
D73	8-719-977-26	s	DIODE DTZ10
D74	8-719-988-62	s	DIODE 1SS355

(ADC-26 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D75	8-719-988-62	s	DIODE 1SS355
D76	8-719-977-26	s	DIODE DTZ10
D77	8-719-977-26	s	DIODE DTZ10
D78	8-719-988-62	s	DIODE 1SS355
D79	8-719-988-62	s	DIODE 1SS355
D80	8-719-977-26	s	DIODE DTZ10
D81	8-719-977-26	s	DIODE DTZ10
D82	8-719-988-62	s	DIODE 1SS355
D83	8-719-988-62	s	DIODE 1SS355
D84	8-719-977-26	s	DIODE DTZ10
D85	8-719-977-26	s	DIODE DTZ10
D86	8-719-988-62	s	DIODE 1SS355
D87	8-719-988-62	s	DIODE 1SS355
D88	8-719-977-26	s	DIODE DTZ10
D89	8-719-977-26	s	DIODE DTZ10
D90	8-719-988-62	s	DIODE 1SS355
D91	8-719-988-62	s	DIODE 1SS355
D92	8-719-977-26	s	DIODE DTZ10
D93	8-719-977-26	s	DIODE DTZ10
D94	8-719-988-62	s	DIODE 1SS355
D95	8-719-988-62	s	DIODE 1SS355
D96	8-719-977-26	s	DIODE DTZ10
D97	8-719-977-26	s	DIODE DTZ10
D98	8-719-988-62	s	DIODE 1SS355
D99	8-719-988-62	s	DIODE 1SS355
D100	8-719-977-26	s	DIODE DTZ10
D101	8-719-977-26	s	DIODE DTZ10
D102	8-719-988-62	s	DIODE 1SS355
D103	8-719-974-41	s	LED HLMP-6500-010, GRN
D104	8-719-974-39	s	LED HLMP-6300-010, RED
D105	8-719-974-39	s	LED HLMP-6300-010, RED
D106	8-719-974-39	s	LED HLMP-6300-010, RED
D107	8-719-974-39	s	LED HLMP-6300-010, RED
E1-5	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
IC1	8-759-925-76	s	IC SN74HC08ANS
IC2	8-759-434-95	s	IC 74ACT74SJX
IC3	8-759-239-55	s	IC TC74HC123AF
IC4	8-759-443-60	s	IC IDT74FCT574ASO-TL
IC5	8-759-443-54	s	IC IDT49FCT805ASO-TL
IC6	8-759-196-21	s	IC CXD8482Q
IC7	8-759-468-59	o	IC PLSI1016-ADL-DB-V1.3
IC8	8-759-449-04	o	IC PLSI1016-ADL-CB-V1.1
IC9	8-759-443-63	s	IC IDT7200L25SO-TL
IC10	8-759-547-12	s	IC SN74ABT574APW-E05
IC11	8-759-196-21	s	IC CXD8482Q
IC12	8-759-440-77	s	IC SN74ABT125PW-E05
IC13	8-759-449-07	o	IC 16V8-ADL-MWR-V1.1
IC14	8-759-443-60	s	IC IDT74FCT574ASO-TL
IC15	8-759-080-06	s	IC TC74VHC574FS(EL)
IC16	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC17	8-759-196-21	s	IC CXD8482Q
IC18	8-759-080-06	s	IC TC74VHC574FS(EL)
IC19	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC20	8-759-443-56	s	IC DSP56004FJ50
IC21	8-759-443-56	s	IC DSP56004FJ50
IC22	8-759-443-56	s	IC DSP56004FJ50
IC23	8-759-443-56	s	IC DSP56004FJ50
IC24	8-759-196-21	s	IC CXD8482Q

(ADC-26 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC25	8-759-443-64	s	IC TL783CKC
IC26	8-759-080-06	s	IC TC74VHC574FS(EL)
IC27	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC28-35	8-759-080-06	s	IC TC74VHC574FS(EL)
IC36	8-759-700-65	s	IC NJM79L05A
IC37	8-759-708-05	s	IC NJM78L05A
IC38	8-759-708-05	s	IC NJM78L05A
IC39	8-759-400-25	s	IC AN79L15
IC40	8-759-400-37	s	IC AN78L15
IC41	8-759-700-65	s	IC NJM79L05A
IC42	8-759-708-05	s	IC NJM78L05A
IC43	8-759-708-05	s	IC NJM78L05A
IC44	8-759-400-25	s	IC AN79L15
IC45	8-759-400-37	s	IC AN78L15
IC46	8-759-700-65	s	IC NJM79L05A
IC47	8-759-708-05	s	IC NJM78L05A
IC48	8-759-708-05	s	IC NJM78L05A
IC49	8-759-400-25	s	IC AN79L15
IC50	8-759-400-37	s	IC AN78L15
IC51	8-759-700-65	s	IC NJM79L05A
IC52	8-759-708-05	s	IC NJM78L05A
IC53	8-759-708-05	s	IC NJM78L05A
IC54	8-759-400-25	s	IC AN79L15
IC55	8-759-400-37	s	IC AN78L15
IC56-63	8-759-079-52	s	IC TC74VHC08FS(EL)
IC64	8-759-434-79	s	IC 74ACT138SJX
IC65	8-759-336-17	s	IC AK5390-VS
IC66	8-759-434-79	s	IC 74ACT138SJX
IC67	8-759-336-17	s	IC AK5390-VS
IC68	8-759-434-79	s	IC 74ACT138SJX
IC69	8-759-336-17	s	IC AK5390-VS
IC70	8-759-434-79	s	IC 74ACT138SJX
IC71	8-759-336-17	s	IC AK5390-VS
IC72	8-759-434-79	s	IC 74ACT138SJX
IC73	8-759-434-79	s	IC 74ACT138SJX
IC74	8-759-434-79	s	IC 74ACT138SJX
IC75	8-759-434-79	s	IC 74ACT138SJX
IC76-91	8-759-700-94	s	IC NJM5532M
IC92-99	8-759-443-59	s	IC LF351MX
L1	1-408-789-21	s	INDUCTOR, CHIP 100uH
L2	1-424-643-11	s	COIL, CHOKE 10uH
L3-22	1-408-789-21	s	INDUCTOR, CHIP 100uH
L23-38	1-416-289-11	s	COIL (TROID40) 44uH
L39-46	1-416-287-11	s	COIL (DS2032) 280uH
Q1	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q2	8-729-040-05	s	TRANSISTOR RFD14N05
Q3	8-729-040-05	s	TRANSISTOR RFD14N05
Q4-11	8-729-040-07	s	TRANSISTOR BSS84TA
Q12-19	8-729-216-31	s	TRANSISTOR 2SA1163-G
Q20-27	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q28	8-729-010-49	s	TRANSISTOR 2N7002L
Q29	8-729-010-49	s	TRANSISTOR 2N7002L
Q30	8-729-010-49	s	TRANSISTOR 2N7002L
Q31	8-729-010-49	s	TRANSISTOR 2N7002L

(ADC-26 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q32-39	8-729-040-04	s	TRANSISTOR LM394N
R1	1-218-776-11	s	METAL 1M 0.5% 1/10W
R2	1-218-179-11	s	METAL, CHIP 10M 5% 1/10W
R3	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R4	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R5	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R6	1-216-341-11	s	METAL 0.22 5% 1W
R7	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R8	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R9-13	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R14	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R15	1-218-756-11	s	METAL 150K 0.50% 1/10W
R16	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R17	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R18	1-216-695-11	s	METAL, CHIP 68K 0.5% 1/10W
R19	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R20	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R21	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R22	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R23	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R24	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R25	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R26	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R27	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R28	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R29-36	1-216-617-11	s	METAL, CHIP 39 0.50% 1/10W
R37	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R38	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R39	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R40	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R41	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R42	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R43	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R44	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R45	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R46	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R47	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R48	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R49	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R50	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R51	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R52	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R53	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R54	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R55	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R56	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R57	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R58	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R59	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R60	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R61	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R62	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R63	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R64	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R65	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R66	1-220-842-11	s	METAL 3.01K 0.10% 1/10W

(ADC-26 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R67	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R68	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R69	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R70-85	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R86-101	1-220-841-11	s	METAL 2.87K 0.10% 1/10W
R102	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R103	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R104	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R105	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R106	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R107	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R108	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R109	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R110	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R111	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R112	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R113	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R114	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R115	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R116	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R117	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R118	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R119	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R120	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R121	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R122	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R123	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R124	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R125	1-220-847-11	s	METAL 6.81K 0.10% 1/10W
R126-141	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R142-157	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R158-173	1-220-154-11	s	METAL 100K 0.10% 1/10W
R174-181	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R182-189	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R190	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R191	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R192	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R193	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R194	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R195	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R196	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R197	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R198	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R199	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R200	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R201	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R202	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R203	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R204	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R205	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R206	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R207	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R208	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R209	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R210	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R211	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R212	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R213	1-220-842-11	s	METAL 3.01K 0.10% 1/10W

(ADC-26 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R214	1-220-837-11	s	METAL 866 0.10% 1/10W
R216	1-220-833-11	s	METAL 402 0.10% 1/10W
R218	1-219-710-11	s	METAL 100 0.10% 1/10W
R219	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R220	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R221	1-220-836-11	s	METAL 825 0.10% 1/10W
R222	1-220-837-11	s	METAL 866 0.10% 1/10W
R224	1-220-833-11	s	METAL 402 0.10% 1/10W
R226	1-219-710-11	s	METAL 100 0.10% 1/10W
R227	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R228	1-220-837-11	s	METAL 866 0.10% 1/10W
R230	1-220-833-11	s	METAL 402 0.10% 1/10W
R232	1-219-710-11	s	METAL 100 0.10% 1/10W
R233	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R234	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R235	1-220-836-11	s	METAL 825 0.10% 1/10W
R236	1-220-837-11	s	METAL 866 0.10% 1/10W
R238	1-220-833-11	s	METAL 402 0.10% 1/10W
R240	1-219-710-11	s	METAL 100 0.10% 1/10W
R241	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R242	1-220-837-11	s	METAL 866 0.10% 1/10W
R244	1-220-833-11	s	METAL 402 0.10% 1/10W
R246	1-219-710-11	s	METAL 100 0.10% 1/10W
R247	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R248	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R249	1-220-836-11	s	METAL 825 0.10% 1/10W
R250	1-220-837-11	s	METAL 866 0.10% 1/10W
R252	1-220-833-11	s	METAL 402 0.10% 1/10W
R254	1-219-710-11	s	METAL 100 0.10% 1/10W
R255	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R256	1-220-837-11	s	METAL 866 0.10% 1/10W
R258	1-220-833-11	s	METAL 402 0.10% 1/10W
R260	1-219-710-11	s	METAL 100 0.10% 1/10W
R261	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R262	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R263	1-220-836-11	s	METAL 825 0.10% 1/10W
R264	1-220-837-11	s	METAL 866 0.10% 1/10W
R266	1-220-833-11	s	METAL 402 0.10% 1/10W
R268	1-219-710-11	s	METAL 100 0.10% 1/10W
R269	1-220-842-11	s	METAL 3.01K 0.10% 1/10W
R270	1-220-829-11	s	METAL 2K 0.10% 1/10W
R272	1-220-831-11	s	METAL 196 0.10% 1/10W
R273	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R275	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R276	1-220-829-11	s	METAL 2K 0.10% 1/10W
R278	1-220-831-11	s	METAL 196 0.10% 1/10W
R279	1-220-836-11	s	METAL 825 0.10% 1/10W
R279	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R280	1-220-836-11	s	METAL 825 0.10% 1/10W
R281	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R282	1-220-829-11	s	METAL 2K 0.10% 1/10W
R284	1-220-831-11	s	METAL 196 0.10% 1/10W
R285	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R286	1-220-836-11	s	METAL 825 0.10% 1/10W
R287	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R288	1-220-829-11	s	METAL 2K 0.10% 1/10W
R290	1-220-831-11	s	METAL 196 0.10% 1/10W
R291	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R292	1-220-836-11	s	METAL 825 0.10% 1/10W

(ADC-26 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R293	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R294	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R295	1-220-829-11	s	METAL 2K 0.10% 1/10W
R296	1-220-831-11	s	METAL 196 0.10% 1/10W
R298	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R299	1-220-829-11	s	METAL 2K 0.10% 1/10W
R300	1-220-831-11	s	METAL 196 0.10% 1/10W
R302	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R303	1-220-829-11	s	METAL 2K 0.10% 1/10W
R304	1-220-831-11	s	METAL 196 0.10% 1/10W
R306	1-220-845-11	s	METAL 6.04K 0.10% 1/10W
R307	1-220-829-11	s	METAL 2K 0.10% 1/10W
R308	1-220-831-11	s	METAL 196 0.10% 1/10W
R310-316	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R317-332	1-218-367-11	s	METAL 10K 0.10% 1/10W
R333	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R334	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R335	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R336	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R337	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R338	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R339	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R340	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R341	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R342	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R343	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R344	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R345	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R346	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R347	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W
R348	1-216-662-11	s	METAL, CHIP 3K 0.5% 1/10W
R349	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R350	1-218-776-11	s	METAL 1M 0.5% 1/10W
R351	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R352	1-218-776-11	s	METAL 1M 0.5% 1/10W
R353	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R354	1-218-776-11	s	METAL 1M 0.5% 1/10W
R355	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R356	1-218-776-11	s	METAL 1M 0.5% 1/10W
R357	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R358	1-218-776-11	s	METAL 1M 0.5% 1/10W
R359	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R360	1-218-776-11	s	METAL 1M 0.5% 1/10W
R361	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R362	1-218-776-11	s	METAL 1M 0.5% 1/10W
R363	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R364	1-218-776-11	s	METAL 1M 0.5% 1/10W
R365-380	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R381	1-220-154-11	s	METAL 100K 0.10% 1/10W
R382	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R383	1-220-154-11	s	METAL 100K 0.10% 1/10W
R384	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R385	1-220-154-11	s	METAL 100K 0.10% 1/10W
R386	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R387	1-220-154-11	s	METAL 100K 0.10% 1/10W
R388	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R389	1-220-154-11	s	METAL 100K 0.10% 1/10W

(ADC-26 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R390	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R391	1-220-154-11	s	METAL 100K 0.10% 1/10W
R392	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R393	1-220-154-11	s	METAL 100K 0.10% 1/10W
R394	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R395	1-220-154-11	s	METAL 100K 0.10% 1/10W
R396	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R397	1-220-840-11	s	METAL 2.43K 0.10% 1/10W
R398	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R399	1-220-840-11	s	METAL 2.43K 0.10% 1/10W
R400	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R401	1-220-840-11	s	METAL 2.43K 0.10% 1/10W
R402	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R403	1-220-840-11	s	METAL 2.43K 0.10% 1/10W
R404	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R405	1-220-840-11	s	METAL 2.43K 0.10% 1/10W
R406	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R407	1-220-840-11	s	METAL 2.43K 0.10% 1/10W
R408	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R409	1-220-840-11	s	METAL 2.43K 0.10% 1/10W
R410	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R411	1-220-840-11	s	METAL 2.43K 0.10% 1/10W
R412-428	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R429-436	1-216-133-00	s	METAL, CHIP 3.3M 5% 1/10W
R437-444	1-216-617-11	s	METAL, CHIP 39 0.50% 1/10W
R445	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R446	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R447	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R448	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R449	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R450	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R451	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R452	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R453	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R454	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R455	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R456	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R457	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R458	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R459	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R460	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R461	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R462	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R463	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R464	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R465	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R466	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R467	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R468	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R469	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R470	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R471	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R472	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R473	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R474	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R475	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R476	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W

3-3-7. DMBK-R3004

(ADC-26 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R477-484	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R485	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R486	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R487	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R488	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R489-501	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R502	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R503	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R504	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R505-509	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
RB1	1-239-409-11	s	NETWORK, CHIP 47X4 5%
RB2	1-239-409-11	s	NETWORK, CHIP 47X4 5%
RV1-8	1-237-039-11	s	RES, ADJ METAL 100K
RY1-56	1-755-223-11	s	RELAY
RY57-64	1-755-222-11	s	RELAY
RY65-72	1-515-716-11	s	RELAY (TQ2-5V)
T1	1-431-395-11	s	TRANSFORMER (FINV-1)
TP1-6	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)

DAC-19 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	3-606-755-21	o	MOUNTING PANEL,A/D CARD
2pcs	3-172-089-01	o	HANDLE
16pcs	7-621-259-35	s	SCREW +P 2.6X5
3pcs	7-682-546-04	s	SCREW +B 3X5
1pc	3-611-613-01	o	SHEET
C1	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C2	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C3	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C4	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C5	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C6	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C7	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C8	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C9	1-128-401-11	s	ELECT 100uF 20% 25V
C10	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C11	1-107-823-11	s	CERAMIC 0.47uF 10% 16V
C12	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C13	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C14	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C15	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C16	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C17	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C18	1-163-121-00	s	CERAMIC, CHIP 150PF 5% 50V
C19	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C20	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C21-28	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C29	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C30-40	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C41	1-128-393-11	s	ELECT 100uF 20% 10V
C42	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C43	1-128-393-11	s	ELECT 100uF 20% 10V
C44	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C45	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C46	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C47	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C48	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C49	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C50	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C51	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C52	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C53-64	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C65	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C66	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C67	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C68	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C69	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C70	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C71	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C72	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C73	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C74	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C75	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C76	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C77	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C78	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C79	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V

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(DAC-19 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C80	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C81	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C82	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C83	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C84	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C85	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C86	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C87	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C88	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C89	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C90	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C91	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C92	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C93	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C94	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C95	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C96	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C97	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C98	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C99	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C100	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C101	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C102	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C103	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C104	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C105	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C106	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C107-112	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C113	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C114	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C115	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C116	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C117	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C118	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C119	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C120	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C121-142	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C143	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C144	1-128-393-11	s	ELECT 100uF 20% 10V
C145	1-128-393-11	s	ELECT 100uF 20% 10V
C146	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C147	1-128-393-11	s	ELECT 100uF 20% 10V
C148	1-128-393-11	s	ELECT 100uF 20% 10V
C149	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C150	1-128-393-11	s	ELECT 100uF 20% 10V
C151	1-128-393-11	s	ELECT 100uF 20% 10V
C152	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C153	1-128-393-11	s	ELECT 100uF 20% 10V
C154	1-128-393-11	s	ELECT 100uF 20% 10V
C155	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C156	1-128-393-11	s	ELECT 100uF 20% 10V
C157	1-128-393-11	s	ELECT 100uF 20% 10V
C158	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C159	1-128-393-11	s	ELECT 100uF 20% 10V
C160	1-128-393-11	s	ELECT 100uF 20% 10V
C161	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C162	1-128-393-11	s	ELECT 100uF 20% 10V

(DAC-19 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C163	1-128-393-11	s	ELECT 100uF 20% 10V
C164	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C165	1-128-393-11	s	ELECT 100uF 20% 10V
C166	1-128-393-11	s	ELECT 100uF 20% 10V
C167	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C168	1-128-393-11	s	ELECT 100uF 20% 10V
C169	1-128-393-11	s	ELECT 100uF 20% 10V
C170-182	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C183	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C184-188	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C189	1-104-537-11	s	FILM 680PF 5% 50V
C190	1-104-531-11	s	FILM 220PF 5% 50V
C191	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C192	1-104-537-11	s	FILM 680PF 5% 50V
C193	1-104-531-11	s	FILM 220PF 5% 50V
C194	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C195	1-104-537-11	s	FILM 680PF 5% 50V
C196	1-104-531-11	s	FILM 220PF 5% 50V
C197	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C198	1-104-531-11	s	FILM 220PF 5% 50V
C199	1-104-537-11	s	FILM 680PF 5% 50V
C200	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C201	1-104-531-11	s	FILM 220PF 5% 50V
C202	1-104-537-11	s	FILM 680PF 5% 50V
C203	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C204	1-104-531-11	s	FILM 220PF 5% 50V
C205	1-104-537-11	s	FILM 680PF 5% 50V
C206	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C207	1-104-531-11	s	FILM 220PF 5% 50V
C208	1-104-537-11	s	FILM 680PF 5% 50V
C209	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C210	1-104-531-11	s	FILM 220PF 5% 50V
C211	1-104-537-11	s	FILM 680PF 5% 50V
C212	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C213-229	1-104-539-11	s	FILM 0.001uF 5% 50V
C230	1-104-537-11	s	FILM 680PF 5% 50V
C231	1-104-531-11	s	FILM 220PF 5% 50V
C232	1-104-539-11	s	FILM 0.001uF 5% 50V
C233	1-104-539-11	s	FILM 0.001uF 5% 50V
C234	1-104-537-11	s	FILM 680PF 5% 50V
C235	1-104-531-11	s	FILM 220PF 5% 50V
C236	1-104-539-11	s	FILM 0.001uF 5% 50V
C237	1-104-539-11	s	FILM 0.001uF 5% 50V
C238	1-104-537-11	s	FILM 680PF 5% 50V
C239	1-104-531-11	s	FILM 220PF 5% 50V
C240	1-104-539-11	s	FILM 0.001uF 5% 50V
C241	1-104-539-11	s	FILM 0.001uF 5% 50V
C242	1-104-537-11	s	FILM 680PF 5% 50V
C243	1-104-531-11	s	FILM 220PF 5% 50V
C244	1-104-539-11	s	FILM 0.001uF 5% 50V
C245	1-104-539-11	s	FILM 0.001uF 5% 50V
C246	1-104-537-11	s	FILM 680PF 5% 50V
C247	1-104-531-11	s	FILM 220PF 5% 50V
C248	1-104-539-11	s	FILM 0.001uF 5% 50V
C249	1-104-539-11	s	FILM 0.001uF 5% 50V

(DAC-19 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C250	1-104-537-11	s	FILM 680PF 5% 50V
C251	1-104-531-11	s	FILM 220PF 5% 50V
C252	1-104-539-11	s	FILM 0.001uF 5% 50V
C253	1-104-539-11	s	FILM 0.001uF 5% 50V
C254	1-104-537-11	s	FILM 680PF 5% 50V
C255	1-104-531-11	s	FILM 220PF 5% 50V
C256	1-104-539-11	s	FILM 0.001uF 5% 50V
C257	1-104-539-11	s	FILM 0.001uF 5% 50V
C258	1-104-537-11	s	FILM 680PF 5% 50V
C259	1-104-531-11	s	FILM 220PF 5% 50V
C260	1-104-539-11	s	FILM 0.001uF 5% 50V
C261-276	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C277	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C278	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C279	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C280	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C281	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C282	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C283	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C284	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C285	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C286	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C287	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C288	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C289	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C290	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C291	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C292-332	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C333-348	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C349-364	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
CN1	1-750-795-21	s	CONNECTOR, PC BOARD 120P, MALE
CN2-9	1-568-005-11	s	CONNECTOR, XLR 3P, MALE
CNI9	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI12	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI16	1-251-421-11	o	SOCKET, IC (20 CORE)
COR1-8	1-566-388-11	s	CONNECTOR 8P, MALE
D1	8-719-974-41	s	LED HLMP-6500-010, GRN
D2	8-719-974-39	s	LED HLMP-6300-010, RED
D3	8-719-974-39	s	LED HLMP-6300-010, RED
D4	8-719-974-39	s	LED HLMP-6300-010, RED
D5	8-719-974-39	s	LED HLMP-6300-010, RED
D6-10	8-719-988-62	s	DIODE 1SS355
D11-19	8-719-061-45	s	DIODE UG1D-G23
E1-5	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
IC1	8-759-080-06	s	IC TC74VHC574FS(EL)
IC2	8-759-079-71	s	IC TC74VHCT138FS(EL)
IC3	8-759-434-95	s	IC 74ACT74SJX
IC4	8-759-239-55	s	IC TC74HC123AF
IC5	8-759-440-77	s	IC SN74ABT125PW-E05
IC6	8-759-547-12	s	IC SN74ABT574APW-E05
IC7	8-759-443-60	s	IC IDT74FCT574ASO-TL
IC8	8-759-443-54	s	IC IDT49FCT805ASO-TL
IC9	8-759-468-60	o	IC PLSI1016-DAL-DB-V1.4
IC10	8-759-079-71	s	IC TC74VHCT138FS(EL)

(DAC-19 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC11	8-759-080-06	s	IC TC74VHC574FS(EL)
IC12	8-759-449-02	o	IC PLSI1016-DAL-CB-V1.1
IC13	8-759-925-76	s	IC SN74HC08ANS
IC14	8-759-080-06	s	IC TC74VHC574FS(EL)
IC15	8-759-443-60	s	IC IDT74FCT574ASO-TL
IC16	8-759-449-06	o	IC 16V8-DAL-MRD-V1.1
IC17	8-759-443-56	s	IC DSP56004FJ50
IC18	8-759-443-56	s	IC DSP56004FJ50
IC19	8-759-443-56	s	IC DSP56004FJ50
IC20	8-759-443-56	s	IC DSP56004FJ50
IC21	8-759-443-63	s	IC IDT7200L25SO-TL
IC22	8-759-443-56	s	IC DSP56004FJ50
IC23	8-759-443-56	s	IC DSP56004FJ50
IC24	8-759-443-56	s	IC DSP56004FJ50
IC25	8-759-443-56	s	IC DSP56004FJ50
IC26-30	8-759-985-18	s	IC 74AC08SJ
IC31	8-759-708-05	s	IC NJM78L05A
IC32	8-759-700-65	s	IC NJM79L05A
IC33	8-759-400-37	s	IC AN78L15
IC34	8-759-400-25	s	IC AN79L15
IC35	8-759-708-05	s	IC NJM78L05A
IC36	8-759-708-05	s	IC NJM78L05A
IC37	8-759-700-65	s	IC NJM79L05A
IC38	8-759-400-37	s	IC AN78L15
IC39	8-759-400-25	s	IC AN79L15
IC40	8-759-708-05	s	IC NJM78L05A
IC41	8-759-708-05	s	IC NJM78L05A
IC42	8-759-700-65	s	IC NJM79L05A
IC43	8-759-400-37	s	IC AN78L15
IC44	8-759-400-25	s	IC AN79L15
IC45	8-759-400-37	s	IC AN78L15
IC46	8-759-400-25	s	IC AN79L15
IC47	8-759-708-05	s	IC NJM78L05A
IC48	8-759-708-05	s	IC NJM78L05A
IC49	8-759-700-65	s	IC NJM79L05A
IC50	8-759-400-37	s	IC AN78L15
IC51	8-759-400-25	s	IC AN79L15
IC52	8-759-708-05	s	IC NJM78L05A
IC53	8-759-708-05	s	IC NJM78L05A
IC54	8-759-700-65	s	IC NJM79L05A
IC55-63	8-759-253-89	s	IC PCM1702U-K
IC64	8-759-443-46	s	IC NE5534D-T1
IC65-72	8-759-700-94	s	IC NJM5532M
IC73-80	8-759-443-46	s	IC NE5534D-T1
IC81-88	8-759-700-94	s	IC NJM5532M
IC89-104	8-759-443-46	s	IC NE5534D-T1
L1	1-408-789-21	s	INDUCTOR, CHIP 100uH
L2	1-424-643-11	s	COIL, CHOKE 10uH
L3-18	1-408-789-21	s	INDUCTOR, CHIP 100uH
L19-26	1-416-287-11	s	COIL (DS2032) 280uH
Q1	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q2	8-729-040-05	s	TRANSISTOR RFD14N05
Q3	8-729-040-05	s	TRANSISTOR RFD14N05
Q4	8-729-010-49	s	TRANSISTOR 2N7002L
Q5	8-729-010-49	s	TRANSISTOR 2N7002L

(DAC-19 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q6	8-729-010-49	s	TRANSISTOR 2N7002L
Q7	8-729-010-49	s	TRANSISTOR 2N7002L
R1	1-218-776-11	s	METAL 1M 0.5% 1/10W
R2-6	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R7	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R8	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R9	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R10	1-218-179-11	s	METAL, CHIP 10M 5% 1/10W
R11-15	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R16	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R17	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R18	1-218-756-11	s	METAL 150K 0.50% 1/10W
R19	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R20	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R21	1-216-341-11	s	METAL 0.22 5% 1W
R22	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R23-37	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R38	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R39	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R40	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R41	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R42-57	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R58	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R59	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R60	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R61	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R62-69	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R70	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R71	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R72	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R73	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R74	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R75	1-220-839-11	s	METAL 2.21K 0.10% 1/10W
R76	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R77	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R78	1-220-839-11	s	METAL 2.21K 0.10% 1/10W
R79	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R80	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R81	1-220-839-11	s	METAL 2.21K 0.10% 1/10W
R82	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R83	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R84	1-220-839-11	s	METAL 2.21K 0.10% 1/10W
R85	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R86	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R87	1-220-839-11	s	METAL 2.21K 0.10% 1/10W
R88	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R89	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R90	1-220-839-11	s	METAL 2.21K 0.10% 1/10W
R91	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R92	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R93	1-220-839-11	s	METAL 2.21K 0.10% 1/10W
R94	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R95	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W

(DAC-19 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R96	1-220-839-11	s	METAL 2.21K 0.10% 1/10W
R97	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R98	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R99	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R100	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R101	1-216-660-11	s	METAL, CHIP 2.4K 0.5% 1/10W
R102	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R103	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R104	1-216-660-11	s	METAL, CHIP 2.4K 0.5% 1/10W
R105	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R106	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R107	1-216-660-11	s	METAL, CHIP 2.4K 0.5% 1/10W
R108	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R109	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R110	1-216-660-11	s	METAL, CHIP 2.4K 0.5% 1/10W
R111	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R112	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R113	1-216-660-11	s	METAL, CHIP 2.4K 0.5% 1/10W
R114	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R115	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R116	1-216-660-11	s	METAL, CHIP 2.4K 0.5% 1/10W
R117	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R118	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R119	1-216-660-11	s	METAL, CHIP 2.4K 0.5% 1/10W
R120	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R121	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R122	1-216-660-11	s	METAL, CHIP 2.4K 0.5% 1/10W
R123-138	1-216-658-11	s	METAL, CHIP 2K 0.5% 1/10W
R139-146	1-220-829-11	s	METAL 2K 0.10% 1/10W
R147-154	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W
R155-162	1-220-829-11	s	METAL 2K 0.10% 1/10W
R163-178	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R179-186	1-211-996-11	s	METAL 1.5K 0.10% 1/10W
R187	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R188	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R189	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R190	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R191	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R192	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R193	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R194	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R195	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R196	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R197	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R198	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R199	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R200	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R201	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
R202	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R203	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R204	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R205	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R206	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R207	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R208	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R209	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R210	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R211	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W

3-3-8. DMBK-R3005

(DAC-19 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R212	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R213	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R214	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R215	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R216	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R217	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R218	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W
R219-234	1-220-844-11	s	METAL 4.75K 0.10% 1/10W
R235-242	1-220-914-11	s	METAL 7.5K 0.10% 1/10W
RV1-16	1-237-036-11	s	RES, ADJ METAL 10K
RY1-8	1-515-716-11	s	RELAY (TQ2-5V)
T1	1-431-395-11	s	TRANSFORMER (FINV-1)
TP1-6	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)

PR-217 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	3-166-184-01	o	LEVER, PC BOARD
2pcs	7-626-320-11	s	PIN, SPRING 3X8
C1-12	1-163-038-91	s	CERAMIC 0.1uF 25V
C13-22	1-104-610-11	s	ELECT 47uF 20% 4V
C23	1-104-608-11	s	ELECT 33uF 20% 6.3V
C24	1-104-610-11	s	ELECT 47uF 20% 4V
C25	1-163-038-91	s	CERAMIC 0.1uF 25V
C26	1-163-038-91	s	CERAMIC 0.1uF 25V
C27	1-104-610-11	s	ELECT 47uF 20% 4V
C28-47	1-163-038-91	s	CERAMIC 0.1uF 25V
C48	1-104-610-11	s	ELECT 47uF 20% 4V
C49-58	1-163-038-91	s	CERAMIC 0.1uF 25V
C59	1-104-610-11	s	ELECT 47uF 20% 4V
C60-69	1-163-038-91	s	CERAMIC 0.1uF 25V
C70-74	1-104-610-11	s	ELECT 47uF 20% 4V
C75-109	1-163-038-91	s	CERAMIC 0.1uF 25V
C110	1-104-610-11	s	ELECT 47uF 20% 4V
C111	1-163-038-91	s	CERAMIC 0.1uF 25V
C112	1-163-038-91	s	CERAMIC 0.1uF 25V
C113	1-104-610-11	s	ELECT 47uF 20% 4V
C114	1-163-038-91	s	CERAMIC 0.1uF 25V
C115	1-163-038-91	s	CERAMIC 0.1uF 25V
C116	1-104-610-11	s	ELECT 47uF 20% 4V
C117	1-163-038-91	s	CERAMIC 0.1uF 25V
C118	1-163-038-91	s	CERAMIC 0.1uF 25V
C119	1-104-610-11	s	ELECT 47uF 20% 4V
C120	1-163-038-91	s	CERAMIC 0.1uF 25V
C121	1-163-038-91	s	CERAMIC 0.1uF 25V
C122	1-104-610-11	s	ELECT 47uF 20% 4V
C123-133	1-163-038-91	s	CERAMIC 0.1uF 25V
C134	1-104-610-11	s	ELECT 47uF 20% 4V
C135-165	1-163-038-91	s	CERAMIC 0.1uF 25V
C166	1-104-610-11	s	ELECT 47uF 20% 4V
C167	1-163-038-91	s	CERAMIC 0.1uF 25V
C168	1-163-038-91	s	CERAMIC 0.1uF 25V
C169	1-104-610-11	s	ELECT 47uF 20% 4V
C170	1-104-610-11	s	ELECT 47uF 20% 4V
C171	1-104-610-11	s	ELECT 47uF 20% 4V
C172	1-163-038-91	s	CERAMIC 0.1uF 25V
C173	1-163-038-91	s	CERAMIC 0.1uF 25V
C174	1-104-610-11	s	ELECT 47uF 20% 4V
C175-186	1-163-038-91	s	CERAMIC 0.1uF 25V
C191-200	1-104-610-11	s	ELECT 47uF 20% 4V
C201-385	1-163-038-91	s	CERAMIC 0.1uF 25V
CNI11	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI13	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI73	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI76	1-251-349-11	o	SOCKET, IC (PLCC) 28P
D1	8-719-974-41	s	LED HLMP-6500-010, GRN
D2	8-719-974-41	s	LED HLMP-6500-010, GRN
D3	8-719-974-40	s	LED HLMP-6400-010, YEL
D4	8-719-974-40	s	LED HLMP-6400-010, YEL

(PR-217 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D5	8-719-974-41	s	LED HLMP-6500-010, GRN
D6	8-719-974-40	s	LED HLMP-6400-010, YEL
D7	8-719-974-40	s	LED HLMP-6400-010, YEL
D8	8-719-974-40	s	LED HLMP-6400-010, YEL
D9	8-719-974-40	s	LED HLMP-6400-010, YEL
E1	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E2	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E3	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E4	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
IC1-10	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC11	8-759-444-41	o	IC LV22V10-SPCTL-V1.3
IC12	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC13	8-759-444-40	o	IC LV22V10-SPCTL1-V1.3
IC22	8-759-444-38	o	IC EPC1064-RUNINT-V1.1
IC24	8-759-444-37	o	IC EPC1064-SELGEN-V1.2
IC31	8-759-187-56	s	IC SN74LVT2952PW-E05
IC32	8-759-271-98	s	IC SN74LVT125PW
IC33	8-759-271-98	s	IC SN74LVT125PW
IC41	8-759-444-36	o	IC EPC1064-INT-V1.1
IC42	8-759-239-55	s	IC TC74HC123AF
IC43	8-759-239-55	s	IC TC74HC123AF
IC44-53	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC54	8-759-271-98	s	IC SN74LVT125PW
IC55	8-759-271-98	s	IC SN74LVT125PW
IC56	8-759-271-98	s	IC SN74LVT125PW
IC57	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC58	8-759-440-75	s	IC CDC341NS-E05
IC64	8-759-187-56	s	IC SN74LVT2952PW-E05
IC65	8-759-187-56	s	IC SN74LVT2952PW-E05
IC66-72	8-759-498-44	s	IC MSM51V4400D-70TSK
IC73	8-759-444-39	o	IC LV22V10-HVCTL-V1.2
IC74	8-759-498-44	s	IC MSM51V4400D-70TSK
IC75	8-759-498-44	s	IC MSM51V4400D-70TSK
IC76	8-759-444-39	o	IC LV22V10-HVCTL-V1.2
IC77	8-759-498-44	s	IC MSM51V4400D-70TSK
IC78	8-759-187-56	s	IC SN74LVT2952PW-E05
IC79	8-759-187-56	s	IC SN74LVT2952PW-E05
IC80	8-759-440-81	s	IC IDT74FCT3807APY-TL
IC81	8-759-440-75	s	IC CDC341NS-E05
IC82	8-759-498-44	s	IC MSM51V4400D-70TSK
IC83	8-759-440-81	s	IC IDT74FCT3807APY-TL
IC84	8-759-498-44	s	IC MSM51V4400D-70TSK
IC85	8-759-498-44	s	IC MSM51V4400D-70TSK
IC86	8-759-271-98	s	IC SN74LVT125PW
IC87	8-759-271-98	s	IC SN74LVT125PW
IC88	8-759-498-44	s	IC MSM51V4400D-70TSK
IC89	8-759-498-44	s	IC MSM51V4400D-70TSK
IC90	8-759-498-44	s	IC MSM51V4400D-70TSK
IC96-105	8-759-498-44	s	IC MSM51V4400D-70TSK
R1-38	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R39	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W
R40	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R41	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R42	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W

(PR-217 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R43	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R44	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R45	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R46	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R47	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R48	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R49	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R50	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R51	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R52	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R53	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R54	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R55	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R56	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R57	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R58	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R59	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R60	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R61	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R62	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R63	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R64-69	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R70-78	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R79	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R80	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R81	1-215-421-00	s	METAL 1K 1% 1/6W
RB1-64	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
TP1-27	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)

3-3-9. DMBK-R3006

PIF-13 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	3-606-707-01	o	PANEL,PIF-13 BOARD
1pc	3-606-769-01	o	SHEET,INSULATING(LARGE)
2pcs	3-606-770-01	o	SHEET,INSULATING(SMALL)
8pcs	7-682-546-04	s	SCREW +B 3X5
2pcs	3-166-184-01	o	LEVER, PC BOARD
2pcs	7-626-320-11	s	PIN, SPRING 3X8
2pcs	7-682-546-04	s	SCREW +B 3X5
1pc	3-611-613-01	o	SHEET
C1-5	1-104-610-11	s	ELECT 47uF 20% 4V
C6	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C7	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C8	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C9	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C10	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C11-16	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C17	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C18-30	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C31	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C32-43	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C44	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C45	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C46	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C47	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C48	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C49	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C50	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C51	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C52	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C53	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C54-74	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C75	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C76	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C77	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C78	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C79	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C80	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C81	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C82	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C83	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C84	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C85	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C86	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C87-92	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C93	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C94	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C95	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C96	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C97	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C98	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C99	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C100	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C101-107	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

(PIF-13 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C108	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C109	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C110	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C111	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C112	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C113	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C114	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C115-177	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
CN7	1-563-323-11	s	CONNECTOR, D-SUB 9P, FEMALE
CN8	1-563-323-11	s	CONNECTOR, D-SUB 9P, FEMALE
CN9	1-779-866-11	s	CONNECTOR, COAXIAL MALE
CN10	8-749-013-73	s	HIC SDM3183-XF-KS
CN11	1-779-866-11	s	CONNECTOR, COAXIAL MALE
CN12	1-779-866-11	s	CONNECTOR, COAXIAL MALE
CN13	8-749-013-73	s	HIC SDM3183-XF-KS
CN14	1-779-866-11	s	CONNECTOR, COAXIAL MALE
CNI11	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI15	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI16	1-251-352-11	o	SOCKET, IC (PLCC) 68P
CNI25	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI32	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI33	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI34	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI39	1-251-351-11	o	SOCKET, IC (PLCC) 44P
CNI52	1-251-421-11	o	SOCKET, IC (20 CORE)
COR15	1-770-781-11	o	HEADER, CONNECTOR 3P, MALE
COR16	1-770-781-11	o	HEADER, CONNECTOR 3P, MALE
D1	8-719-974-39	s	LED HLMP-6300-010, RED
D2	8-719-974-39	s	LED HLMP-6300-010, RED
D3	8-719-974-39	s	LED HLMP-6300-010, RED
D4	8-719-974-40	s	LED HLMP-6400-010, YEL
D5	8-719-974-40	s	LED HLMP-6400-010, YEL
D6	8-719-974-40	s	LED HLMP-6400-010, YEL
D7	8-719-974-41	s	LED HLMP-6500-010, GRN
D8-12	8-719-974-41	s	LED HLMP-6500-010, GRN
D13-28	8-719-988-62	s	DIODE 1SS355
D29	8-719-055-87	s	DIODE U1BC44
E1	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E2	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E3	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
E4	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
FL1-10	1-424-008-11	s	FILTER, NOISE (SIGNAL LINE)
IC1-10	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC11	8-759-444-03	o	IC BUSCV1.3
IC12	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC13	8-759-440-78	s	IC SN74CBT3345PW-E05
IC14	8-759-440-78	s	IC SN74CBT3345PW-E05
IC15	8-759-443-96	o	IC P1016-VBUS-V1.1
IC16	8-759-444-00	o	IC P1024-CBUS-V1.3
IC17	8-759-443-63	s	IC IDT7200L25SO-TL
IC18	8-759-443-63	s	IC IDT7200L25SO-TL
IC19	8-759-445-78	s	IC IDT7130SA20J
IC20	8-759-445-78	s	IC IDT7130SA20J

(PIF-13 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC21	8-759-445-78	s	IC IDT7130SA20J
IC22	8-759-445-78	s	IC IDT7130SA20J
IC23	8-759-443-55	s	IC IDT6116SA15SO-TL
IC24	8-759-443-55	s	IC IDT6116SA15SO-TL
IC25	8-759-443-95	o	IC P1016-MRAM-V1.3
IC26	8-759-443-63	s	IC IDT7200L25SO-TL
IC27	8-759-443-63	s	IC IDT7200L25SO-TL
IC28	8-759-518-00	s	IC IDT74FCT574ATSO
IC29	8-759-079-87	s	IC TC74VHC245FS(EL)
IC30	8-759-079-87	s	IC TC74VHC245FS(EL)
IC31	8-759-079-87	s	IC TC74VHC245FS(EL)
IC32	8-759-443-92	o	IC P1016-LINK-V1.1
IC33	8-759-443-94	o	IC P1016-ADRC-V1.2
IC34	8-759-443-93	o	IC P1016-LINK2-V1.1
IC35	8-759-443-57	s	IC MC68302FC25C
IC36	8-759-079-87	s	IC TC74VHC245FS(EL)
IC37	8-759-518-00	s	IC IDT74FCT574ATSO
IC38	8-759-443-55	s	IC IDT6116SA15SO-TL
IC40	8-759-079-87	s	IC TC74VHC245FS(EL)
IC41	8-759-079-87	s	IC TC74VHC245FS(EL)
IC42	8-759-497-04	s	IC LC361000AML-70TLA
IC43	8-759-497-04	s	IC LC361000AML-70TLA
IC44	8-759-437-50	s	IC IDT72201L25J
IC45	8-759-440-64	s	IC XC3090A-7PQ160C
IC46	8-759-437-50	s	IC IDT72201L25J
IC47	8-759-440-64	s	IC XC3090A-7PQ160C
IC48	8-759-079-60	s	IC TC74VHC32FS(EL)
IC49	8-759-437-50	s	IC IDT72201L25J
IC50	8-759-079-98	s	IC TC74VHCT374FS(EL)
IC51	8-759-437-50	s	IC IDT72201L25J
IC52	8-759-444-01	o	IC 16V8-CLKG-V1.2
IC53	8-759-079-98	s	IC TC74VHCT374FS(EL)
IC54	8-759-079-49	s	IC TC74VHC04FS(EL)
IC55	8-759-441-97	s	IC Z84C4310FEC
IC56	8-759-342-94	s	IC IDT71256SA20Y
IC57	8-759-079-87	s	IC TC74VHC245FS(EL)
IC58	8-759-342-94	s	IC IDT71256SA20Y
IC59	8-759-079-87	s	IC TC74VHC245FS(EL)
IC60	8-759-045-28	s	IC UPD431000AGW-70LL
IC61	8-759-045-28	s	IC UPD431000AGW-70LL
IC62	8-759-079-98	s	IC TC74VHCT374FS(EL)
IC63	8-759-079-98	s	IC TC74VHCT374FS(EL)
IC64	8-759-079-67	s	IC TC74VHC125FS(EL)
IC65	8-759-167-55	s	IC AM7969-125DC
IC66	8-759-167-54	s	IC AM7968-125DC
IC67	8-759-167-54	s	IC AM7968-125DC
IC68	8-759-167-55	s	IC AM7969-125DC
IC69	8-759-989-91	s	IC TL7705ACPS
IC70	8-759-926-30	s	IC AM26LS30PC
IC71	8-759-080-00	s	IC TC74VHC540FS(EL)
IC72	8-759-443-58	s	IC DS34C86TMX
IC73	8-759-276-35	s	IC ADM202JRN
IC74	8-759-440-77	s	IC SN74ABT125PW-E05
IC75	8-759-440-77	s	IC SN74ABT125PW-E05
IC76	8-759-440-75	s	IC CDC341NS-E05
IC77	8-759-440-80	s	IC IDT74FCT163501APV-TL
IC78	8-759-440-81	s	IC IDT74FCT3807APY-TL
IC79	8-759-187-58	s	IC SN74LVT574PW-E05

(PIF-13 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC80-85	8-759-440-78	s	IC SN74CBT3345PW-E05
IC86	8-759-936-32	s	IC SN74AS32NS
IC87-91	8-759-440-75	s	IC CDC341NS-E05
IC92	8-759-443-63	s	IC IDT7200L25SO-TL
IC93	8-759-443-63	s	IC IDT7200L25SO-TL
IC94	8-759-443-63	s	IC IDT7200L25SO-TL
IC95	8-759-443-63	s	IC IDT7200L25SO-TL
IC96	8-759-080-06	s	IC TC74VHC574FS(EL)
IC97	8-759-080-06	s	IC TC74VHC574FS(EL)
IC98	8-759-080-06	s	IC TC74VHC574FS(EL)
IC99	8-759-443-54	s	IC IDT49FCT805ASO-TL
L1-6	1-233-287-21	s	FILTER, EMI (SMD)
L7	1-446-330-00	s	TRANSFORMER
L8	1-446-330-00	s	TRANSFORMER
R1-13	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R14	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R15	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R16	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R17	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R18	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R19	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R20	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R21	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R22	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R23	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R24	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R25	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R26	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R27	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R28	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R29	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R30	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R31-37	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R38	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R39	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R40-46	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R47-56	1-216-629-11	s	METAL, CHIP 120 0.5% 1/10W
R57	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R58	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R59	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R60	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R61	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R62	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R63	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R64	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R65	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R66	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R67	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R68	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R69	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R70	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R71-78	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W

(PIF-13 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R79	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R80	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R81	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W
R82	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W
R83	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W
R84	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W
R85	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R86	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W
R87	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W
R88	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R89	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R90	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R91	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R92	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R93	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R94-103	1-216-629-11	s	METAL, CHIP 120 0.5% 1/10W
R104	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R105	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R106-111	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R112	1-216-630-11	s	METAL, CHIP 130 0.5% 1/10W
R113	1-216-630-11	s	METAL, CHIP 130 0.5% 1/10W
R114	1-216-630-11	s	METAL, CHIP 130 0.5% 1/10W
R115	1-216-630-11	s	METAL, CHIP 130 0.5% 1/10W
R116	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R117	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R118	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R119	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R120	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R121	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R122	1-216-630-11	s	METAL, CHIP 130 0.5% 1/10W
R123	1-216-630-11	s	METAL, CHIP 130 0.5% 1/10W
R124	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R125	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R126	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R127	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R128	1-216-630-11	s	METAL, CHIP 130 0.5% 1/10W
R129	1-216-630-11	s	METAL, CHIP 130 0.5% 1/10W
R130	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R131	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R132	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
RB1-5	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
S1	1-762-081-11	s	SWITCH, SLIDE
S2	1-762-081-11	s	SWITCH, SLIDE
S3	1-762-081-11	s	SWITCH, SLIDE
S4	1-762-081-11	s	SWITCH, SLIDE
S5	1-571-787-31	s	SWITCH, PUSH
TP1-20	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
X1	1-760-969-21	s	CRYSTAL 25.000MHz

SDI-22 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	3-606-699-01	o	PANEL,SDI-22 BOARD
1pc	3-606-756-01	o	SHEET,INSULATING(100)
1pc	3-606-757-01	o	SHEET,INSULATING(112)
7pcs	7-682-546-04	s	SCREW +B 3X5
2pcs	3-172-089-01	o	HANDLE
1pc	3-611-613-01	o	SHEET
C1	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C2	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C3	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C4	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C5	1-163-038-91	s	CERAMIC 0.1uF 25V
C6-13	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C14	1-163-038-91	s	CERAMIC 0.1uF 25V
C15-22	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C23	1-163-038-91	s	CERAMIC 0.1uF 25V
C24-31	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C32	1-163-038-91	s	CERAMIC 0.1uF 25V
C33-40	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C41	1-163-038-91	s	CERAMIC 0.1uF 25V
C42-49	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C50	1-163-038-91	s	CERAMIC 0.1uF 25V
C51	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C52	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C53	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C54	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C55-72	1-163-038-91	s	CERAMIC 0.1uF 25V
C73	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C74	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C75	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C76	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C77	1-163-038-91	s	CERAMIC 0.1uF 25V
C78	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C79	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C80	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C81	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C82	1-163-038-91	s	CERAMIC 0.1uF 25V
C83	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C84	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C85	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C86	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C87	1-163-038-91	s	CERAMIC 0.1uF 25V
C88-95	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C96	1-163-038-91	s	CERAMIC 0.1uF 25V
C97	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C98	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C99	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C100	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C101	1-163-038-91	s	CERAMIC 0.1uF 25V
C102	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C103	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C104	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V

(SDI-22 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C105	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C106	1-163-038-91	s	CERAMIC 0.1uF 25V
C107-114	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C115	1-163-038-91	s	CERAMIC 0.1uF 25V
C116	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C117	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C118	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C119	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C120	1-163-038-91	s	CERAMIC 0.1uF 25V
C121	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C122	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C123	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C124	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C125	1-163-038-91	s	CERAMIC 0.1uF 25V
C126	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C127	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C128	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C129	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C130-136	1-163-038-91	s	CERAMIC 0.1uF 25V
C137	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C138	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C139-143	1-163-038-91	s	CERAMIC 0.1uF 25V
C144	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C145-149	1-163-038-91	s	CERAMIC 0.1uF 25V
C150	1-163-137-00	s	CERAMIC, CHIP 680PF 5% 50V
C151	1-102-973-00	s	CERAMIC 100PF 5% 50V
CN1	1-566-472-21	s	CONNECTOR, D-SUB 50P, MALE
CN2	1-563-781-21	s	CONNECTOR, D-SUB 50P, FEMALE
CN3	1-750-795-21	s	CONNECTOR, PC BOARD 120P, MALE
CNI13	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI14	1-251-349-11	o	SOCKET, IC (PLCC) 28P
CNI42	1-251-353-11	o	SOCKET, IC (PLCC) 84P
CNI43	1-251-353-11	o	SOCKET, IC (PLCC) 84P
D1	8-719-800-76	s	DIODE 1SS226
DB1	8-719-948-98	s	DIODE FMN1-T-148
DB2	8-719-947-01	s	DIODE FMP1
DB3	8-719-948-98	s	DIODE FMN1-T-148
DB4	8-719-947-01	s	DIODE FMP1
DB5	8-719-948-98	s	DIODE FMN1-T-148
DB6	8-719-947-01	s	DIODE FMP1
DB7	8-719-948-98	s	DIODE FMN1-T-148
DB8	8-719-947-01	s	DIODE FMP1
DB9	8-719-948-98	s	DIODE FMN1-T-148
DB10	8-719-947-01	s	DIODE FMP1
DB11	8-719-948-98	s	DIODE FMN1-T-148
DB12	8-719-947-01	s	DIODE FMP1
DB13	8-719-948-98	s	DIODE FMN1-T-148
DB14	8-719-947-01	s	DIODE FMP1
DB15	8-719-948-98	s	DIODE FMN1-T-148
DB16	8-719-947-01	s	DIODE FMP1
DB17	8-719-948-98	s	DIODE FMN1-T-148
DB18	8-719-947-01	s	DIODE FMP1
DB19	8-719-948-98	s	DIODE FMN1-T-148

(SDI-22 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
DB20	8-719-947-01	s	DIODE FMP1
DB21	8-719-948-98	s	DIODE FMN1-T-148
DB22	8-719-947-01	s	DIODE FMP1
DB23	8-719-948-98	s	DIODE FMN1-T-148
DB24	8-719-947-01	s	DIODE FMP1
DB25	8-719-948-98	s	DIODE FMN1-T-148
DB26	8-719-947-01	s	DIODE FMP1
DB27	8-719-948-98	s	DIODE FMN1-T-148
DB28	8-719-947-01	s	DIODE FMP1
DB29	8-719-948-98	s	DIODE FMN1-T-148
DB30	8-719-947-01	s	DIODE FMP1
DB31	8-719-948-98	s	DIODE FMN1-T-148
DB32	8-719-947-01	s	DIODE FMP1
DB33	8-719-948-98	s	DIODE FMN1-T-148
DB34	8-719-947-01	s	DIODE FMP1
DB35	8-719-948-98	s	DIODE FMN1-T-148
DB36	8-719-947-01	s	DIODE FMP1
DB37	8-719-948-98	s	DIODE FMN1-T-148
DB38	8-719-947-01	s	DIODE FMP1
DB39	8-719-948-98	s	DIODE FMN1-T-148
DB40	8-719-947-01	s	DIODE FMP1
DB41	8-719-948-98	s	DIODE FMN1-T-148
DB42	8-719-947-01	s	DIODE FMP1
DB43	8-719-948-98	s	DIODE FMN1-T-148
DB44	8-719-947-01	s	DIODE FMP1
DB45	8-719-948-98	s	DIODE FMN1-T-148
DB46	8-719-947-01	s	DIODE FMP1
DB47	8-719-948-98	s	DIODE FMN1-T-148
DB48	8-719-947-01	s	DIODE FMP1
E1-6	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
IC1-6	8-759-923-64	s	IC AM26LS32ACNS
IC7-12	8-759-161-12	s	IC CXD8323Q
IC13	8-759-438-85	o	IC 20V8-SDSEL4T1-V1.0
IC14	8-759-438-85	o	IC 20V8-SDSEL4T1-V1.0
IC15	8-759-461-57	s	IC SN74ABT574ANS-E05
IC16	8-759-461-57	s	IC SN74ABT574ANS-E05
IC17	8-759-461-57	s	IC SN74ABT574ANS-E05
IC18	8-759-461-57	s	IC SN74ABT574ANS-E05
IC19-24	8-759-161-13	s	IC CXD8324Q
IC25	8-759-272-21	s	IC TC74VHCT541F
IC26	8-759-923-65	s	IC AM26LS31CNS
IC27	8-759-923-65	s	IC AM26LS31CNS
IC28	8-759-272-21	s	IC TC74VHCT541F
IC29	8-759-923-65	s	IC AM26LS31CNS
IC30	8-759-923-65	s	IC AM26LS31CNS
IC31	8-759-272-21	s	IC TC74VHCT541F
IC32	8-759-923-65	s	IC AM26LS31CNS
IC33	8-759-923-65	s	IC AM26LS31CNS
IC34	8-759-186-02	s	IC TC74VHCT245F(EL)
IC35	8-759-272-21	s	IC TC74VHCT541F
IC36	8-759-505-63	s	IC CY7C128A-20PC
IC37	8-759-186-02	s	IC TC74VHCT245F(EL)
IC38	8-759-272-21	s	IC TC74VHCT541F
IC39	8-759-505-63	s	IC CY7C128A-20PC
IC40	8-759-505-63	s	IC CY7C128A-20PC
IC41	8-759-081-44	s	IC TC74VHC04F

3-3-11. DMBK-R3008

(SDI-22 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC42	8-759-471-55	o	IC EPM7064-SDCONT1-V1.1
IC43	8-759-438-81	o	IC EPM7064-SDCONT2-V1.0
IC44	8-759-186-44	s	IC TC74VHC125F
IC45	8-759-186-46	s	IC TC74VHC132F
IC46	8-759-186-77	s	IC TC74VHC541F
IC47	8-759-443-54	s	IC IDT49FCT805ASO-TL
R1-24	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R25-32	1-216-017-91	s	CHIP 47 5% 1/10W
R33-80	1-249-393-11	s	CARBON 10 5% 1/4W
R81-85	1-216-097-91	s	CHIP 100K 5% 1/10W
R86	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R87	1-216-025-91	s	CHIP 100 5% 1/10W
RB1-12	1-239-412-11	s	NETWORK, CHIP 100x4 5% 1/16W
RB13	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB14	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB15	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB16	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB17	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB18	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
TP1-51	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)

DIO-24 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	3-606-755-31	o	MOUNTING PANEL,A/D CARD
8pcs	7-621-259-35	s	SCREW +P 2.6X5
3pcs	7-682-546-04	s	SCREW +B 3X5
2pcs	3-172-089-01	o	HANDLE
8pcs	7-621-259-35	s	SCREW +P 2.6X5
1pc	3-611-613-01	o	SHEET
C1-8	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C9-23	1-163-038-91	s	CERAMIC 0.1uF 25V
C24	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C25	1-163-038-91	s	CERAMIC 0.1uF 25V
C26	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C27	1-163-038-91	s	CERAMIC 0.1uF 25V
C28	1-104-760-11	s	CERAMIC 0.047uF 10% 50V
C29	1-163-038-91	s	CERAMIC 0.1uF 25V
C30	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C31	1-163-038-91	s	CERAMIC 0.1uF 25V
C32	1-163-038-91	s	CERAMIC 0.1uF 25V
C33	1-163-099-00	s	CERAMIC, CHIP 18PF 5% 50V
C34	1-163-038-91	s	CERAMIC 0.1uF 25V
C35	1-163-038-91	s	CERAMIC 0.1uF 25V
C36	1-163-038-91	s	CERAMIC 0.1uF 25V
C37	1-163-038-91	s	CERAMIC 0.1uF 25V
C38	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C39	1-163-038-91	s	CERAMIC 0.1uF 25V
C40	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C41	1-163-038-91	s	CERAMIC 0.1uF 25V
C42	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C43	1-163-038-91	s	CERAMIC 0.1uF 25V
C44	1-104-760-11	s	CERAMIC 0.047uF 10% 50V
C45	1-163-038-91	s	CERAMIC 0.1uF 25V
C46	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C47	1-163-038-91	s	CERAMIC 0.1uF 25V
C48	1-163-038-91	s	CERAMIC 0.1uF 25V
C49	1-163-099-00	s	CERAMIC, CHIP 18PF 5% 50V
C50	1-163-038-91	s	CERAMIC 0.1uF 25V
C51	1-163-038-91	s	CERAMIC 0.1uF 25V
C52	1-163-038-91	s	CERAMIC 0.1uF 25V
C53	1-163-038-91	s	CERAMIC 0.1uF 25V
C54	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C55	1-163-038-91	s	CERAMIC 0.1uF 25V
C56	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C57	1-163-038-91	s	CERAMIC 0.1uF 25V
C58	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C59	1-163-038-91	s	CERAMIC 0.1uF 25V
C60	1-104-760-11	s	CERAMIC 0.047uF 10% 50V
C61	1-163-038-91	s	CERAMIC 0.1uF 25V
C62	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C63	1-163-038-91	s	CERAMIC 0.1uF 25V
C64	1-163-038-91	s	CERAMIC 0.1uF 25V
C65	1-163-099-00	s	CERAMIC, CHIP 18PF 5% 50V
C66	1-163-038-91	s	CERAMIC 0.1uF 25V
C67	1-163-038-91	s	CERAMIC 0.1uF 25V
C68	1-163-038-91	s	CERAMIC 0.1uF 25V
C69	1-163-038-91	s	CERAMIC 0.1uF 25V
C70	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C71	1-163-038-91	s	CERAMIC 0.1uF 25V
C72	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C73	1-163-038-91	s	CERAMIC 0.1uF 25V

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(DIO-24 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C74	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C75	1-163-038-91	s	CERAMIC 0.1uF 25V
C76	1-104-760-11	s	CERAMIC 0.047uF 10% 50V
C77	1-163-038-91	s	CERAMIC 0.1uF 25V
C78	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C79	1-163-038-91	s	CERAMIC 0.1uF 25V
C80	1-163-038-91	s	CERAMIC 0.1uF 25V
C81	1-163-099-00	s	CERAMIC, CHIP 18PF 5% 50V
C82	1-163-038-91	s	CERAMIC 0.1uF 25V
C83	1-163-038-91	s	CERAMIC 0.1uF 25V
C84	1-163-038-91	s	CERAMIC 0.1uF 25V
C85	1-163-038-91	s	CERAMIC 0.1uF 25V
C86	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C87-91	1-163-038-91	s	CERAMIC 0.1uF 25V
C92	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C93-100	1-163-038-91	s	CERAMIC 0.1uF 25V
C101	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C102	1-163-038-91	s	CERAMIC 0.1uF 25V
C103	1-163-038-91	s	CERAMIC 0.1uF 25V
C104	1-163-038-91	s	CERAMIC 0.1uF 25V
C105	1-163-038-91	s	CERAMIC 0.1uF 25V
C106	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C107	1-163-038-91	s	CERAMIC 0.1uF 25V
C108	1-163-038-91	s	CERAMIC 0.1uF 25V
C109	1-163-038-91	s	CERAMIC 0.1uF 25V
C110	1-163-038-91	s	CERAMIC 0.1uF 25V
C111	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C112	1-163-038-91	s	CERAMIC 0.1uF 25V
C113	1-163-038-91	s	CERAMIC 0.1uF 25V
C114	1-163-038-91	s	CERAMIC 0.1uF 25V
C115	1-163-038-91	s	CERAMIC 0.1uF 25V
C116	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C117	1-163-038-91	s	CERAMIC 0.1uF 25V
C118	1-163-038-91	s	CERAMIC 0.1uF 25V
C119	1-163-038-91	s	CERAMIC 0.1uF 25V
C120	1-163-038-91	s	CERAMIC 0.1uF 25V
C121	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C122	1-163-038-91	s	CERAMIC 0.1uF 25V
C123	1-163-038-91	s	CERAMIC 0.1uF 25V
C124	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C125	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C126	1-163-038-91	s	CERAMIC 0.1uF 25V
C127	1-163-038-91	s	CERAMIC 0.1uF 25V
C128	1-163-038-91	s	CERAMIC 0.1uF 25V
C129	1-163-038-91	s	CERAMIC 0.1uF 25V
C130	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C131	1-163-038-91	s	CERAMIC 0.1uF 25V
C132	1-163-038-91	s	CERAMIC 0.1uF 25V
C133	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C134	1-163-137-00	s	CERAMIC, CHIP 680PF 5% 50V
C135-140	1-163-038-91	s	CERAMIC 0.1uF 25V
CN1	1-568-006-11	s	CONNECTOR, XLR 3P, FEMALE
CN2	1-568-006-11	s	CONNECTOR, XLR 3P, FEMALE
CN3	1-568-006-11	s	CONNECTOR, XLR 3P, FEMALE
CN4	1-568-006-11	s	CONNECTOR, XLR 3P, FEMALE
CN5	1-568-005-11	s	CONNECTOR, XLR 3P, MALE

(DIO-24 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CN6	1-568-005-11	s	CONNECTOR, XLR 3P, MALE
CN7	1-568-005-11	s	CONNECTOR, XLR 3P, MALE
CN8	1-568-005-11	s	CONNECTOR, XLR 3P, MALE
CN9	1-750-795-21	s	CONNECTOR, PC BOARD 120P, MALE
CNI32	1-251-353-11	o	SOCKET, IC (PLCC) 84P
CNI39	1-251-353-11	o	SOCKET, IC (PLCC) 84P
CNI56	1-251-353-11	o	SOCKET, IC (PLCC) 84P
D1	8-719-987-43	s	DIODE CL-150PG-CD
D2	8-719-987-43	s	DIODE CL-150PG-CD
D3	8-719-987-43	s	DIODE CL-150PG-CD
D4	8-719-987-43	s	DIODE CL-150PG-CD
D5	8-719-801-48	s	DIODE 1SS193
DB1	8-719-948-98	s	DIODE FMN1-T-148
DB2	8-719-948-98	s	DIODE FMN1-T-148
DB3	8-719-947-01	s	DIODE FMP1
DB4	8-719-947-01	s	DIODE FMP1
E1-6	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
FL1	1-424-008-11	s	FILTER, NOISE (SIGNAL LINE)
FL2	1-424-008-11	s	FILTER, NOISE (SIGNAL LINE)
FL3	1-424-008-11	s	FILTER, NOISE (SIGNAL LINE)
FL4	1-424-008-11	s	FILTER, NOISE (SIGNAL LINE)
IC1	8-759-923-64	s	IC AM26LS32ACNS
IC2	8-759-923-65	s	IC AM26LS31CNS
IC3	8-759-186-51	s	IC TC74VHC157F
IC4	8-759-459-26	s	IC TC5081BP
IC5	8-759-970-59	s	IC TLC272CPS
IC6	8-759-931-43	s	IC SN74LS624NS
IC7	8-759-186-51	s	IC TC74VHC157F
IC8	8-759-069-38	s	IC CXD8278AQ
IC9	8-759-252-89	s	IC AD1890JP
IC10	8-759-081-44	s	IC TC74VHC04F
IC11	8-759-459-26	s	IC TC5081BP
IC12	8-759-970-59	s	IC TLC272CPS
IC13	8-759-931-43	s	IC SN74LS624NS
IC14	8-759-186-51	s	IC TC74VHC157F
IC15	8-759-069-38	s	IC CXD8278AQ
IC16	8-759-252-89	s	IC AD1890JP
IC17	8-759-081-44	s	IC TC74VHC04F
IC18	8-759-459-26	s	IC TC5081BP
IC19	8-759-970-59	s	IC TLC272CPS
IC20	8-759-931-43	s	IC SN74LS624NS
IC21	8-759-186-51	s	IC TC74VHC157F
IC22	8-759-069-38	s	IC CXD8278AQ
IC23	8-759-252-89	s	IC AD1890JP
IC24	8-759-081-44	s	IC TC74VHC04F
IC25	8-759-459-26	s	IC TC5081BP
IC26	8-759-970-59	s	IC TLC272CPS
IC27	8-759-931-43	s	IC SN74LS624NS
IC28	8-759-186-51	s	IC TC74VHC157F
IC29	8-759-069-38	s	IC CXD8278AQ
IC30	8-759-252-89	s	IC AD1890JP
IC31	8-759-081-44	s	IC TC74VHC04F
IC32	8-759-438-75	o	IC EPM7128E-DIDATA-V1.0
IC33	8-759-244-75	s	IC TC74AC541F
IC34	8-759-461-57	s	IC SN74ABT574ANS-E05
IC35	8-759-505-63	s	IC CY7C128A-20PC
IC36	8-759-505-63	s	IC CY7C128A-20PC

(DIO-24 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC37	8-759-461-57	s	IC SN74ABT574ANS-E05
IC38	8-759-186-77	s	IC TC74VHC541F
IC39	8-759-438-76	o	IC EPM7128E-DODATA-V1.0
IC40	8-759-505-63	s	IC CY7C128A-20PC
IC41	8-759-505-63	s	IC CY7C128A-20PC
IC42	8-759-081-44	s	IC TC74VHC04F
IC43	8-759-252-89	s	IC AD1890JP
IC44	8-759-186-51	s	IC TC74VHC157F
IC45	8-759-062-88	s	IC CXD8277Q
IC46	8-759-252-89	s	IC AD1890JP
IC47	8-759-186-51	s	IC TC74VHC157F
IC48	8-759-062-88	s	IC CXD8277Q
IC49	8-759-252-89	s	IC AD1890JP
IC50	8-759-186-51	s	IC TC74VHC157F
IC51	8-759-062-88	s	IC CXD8277Q
IC52	8-759-252-89	s	IC AD1890JP
IC53	8-759-186-51	s	IC TC74VHC157F
IC54	8-759-062-88	s	IC CXD8277Q
IC55	8-759-443-54	s	IC IDT49FCT805ASO-TL
IC56	8-759-471-52	o	IC EPM7128E-DIOCONT-V1.1
IC57	8-759-186-66	s	IC TC74VHC273F
IC58	8-759-186-66	s	IC TC74VHC273F
IC59	8-759-186-46	s	IC TC74VHC132F
IC60	8-759-186-44	s	IC TC74VHC125F
IC61	8-759-186-77	s	IC TC74VHC541F
IC62	8-759-081-44	s	IC TC74VHC04F
IC63	8-759-081-42	s	IC TC74VHC00F
IC64	8-759-081-48	s	IC TC74VHC08F
R1	1-216-628-11	s	METAL, CHIP 110 0.5% 1/10W
R2	1-216-628-11	s	METAL, CHIP 110 0.5% 1/10W
R3	1-216-628-11	s	METAL, CHIP 110 0.5% 1/10W
R4	1-216-628-11	s	METAL, CHIP 110 0.5% 1/10W
R5	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R6	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R7	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R8	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R9	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R10	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R11	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R12	1-216-669-11	s	METAL, CHIP 5.6K 0.5% 1/10W
R13	1-216-669-11	s	METAL, CHIP 5.6K 0.5% 1/10W
R14	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R15	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R16	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R17	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R18	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R19	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R20	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R21	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R22	1-216-669-11	s	METAL, CHIP 5.6K 0.5% 1/10W
R23	1-216-669-11	s	METAL, CHIP 5.6K 0.5% 1/10W
R24	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R25	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R26	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R27	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R28	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R29	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R30	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W

(DIO-24 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R31	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R32	1-216-669-11	s	METAL, CHIP 5.6K 0.5% 1/10W
R33	1-216-669-11	s	METAL, CHIP 5.6K 0.5% 1/10W
R34	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R35	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R36	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R37	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R38	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R39	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R40	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R41	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R42	1-216-669-11	s	METAL, CHIP 5.6K 0.5% 1/10W
R43	1-216-669-11	s	METAL, CHIP 5.6K 0.5% 1/10W
R44	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W
R45	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R46	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R47	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R48	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R49	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R50	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R51	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R52	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R53-60	1-216-017-91	s	CHIP 47 5% 1/10W
R61	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R62	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R63	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R64	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R65	1-216-097-91	s	CHIP 100K 5% 1/10W
R66	1-216-097-91	s	CHIP 100K 5% 1/10W
R67	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R68	1-216-025-91	s	CHIP 100 5% 1/10W
RB1	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB2	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB3	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB4	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
T1-8	1-437-194-21	s	TRANSFORMER, PULSE
TP1-26	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
X1	1-579-448-21	s	CRYSTAL 40.000MHz

3-3-12. DMBK-R3009

TC-72 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	3-606-756-01	o	SHEET,INSULATING(100)
1pc	3-606-757-01	o	SHEET,INSULATING(112)
4pcs	7-621-259-35	s	SCREW +P 2.6X5
9pcs	7-682-546-04	s	SCREW +B 3X5
2pcs	3-172-089-01	o	HANDLE
1pc	3-606-759-01	o	PANEL,TC-72 BOARD
1pc	3-611-613-01	o	SHEET
3pcs	3-612-236-01	o	PLATE,GROUND(TC-72)
C1	1-107-823-11	s	CERAMIC 0.47uF 10% 16V
C2	1-107-823-11	s	CERAMIC 0.47uF 10% 16V
C3	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C4	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C5	1-163-259-91	s	CERAMIC 220PF 5% 50V
C6	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C7	1-163-259-91	s	CERAMIC 220PF 5% 50V
C8	1-163-239-11	s	CERAMIC, CHIP 33PF 5% 50V
C9	1-163-239-11	s	CERAMIC, CHIP 33PF 5% 50V
C10	1-163-239-11	s	CERAMIC, CHIP 33PF 5% 50V
C11	1-163-239-11	s	CERAMIC, CHIP 33PF 5% 50V
C12	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C13	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C14	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C15	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C16	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C17	1-163-038-91	s	CERAMIC 0.1uF 25V
C18	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C19	1-126-403-11	s	ELECT, CHIP 3.3uF 20% 50V
C20	1-163-038-91	s	CERAMIC 0.1uF 25V
C21	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C22	1-163-038-91	s	CERAMIC 0.1uF 25V
C23	1-163-009-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C24	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C25-29	1-163-038-91	s	CERAMIC 0.1uF 25V
C30	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C31	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C32	1-163-038-91	s	CERAMIC 0.1uF 25V
C33	1-163-038-91	s	CERAMIC 0.1uF 25V
C34	1-163-038-91	s	CERAMIC 0.1uF 25V
C35	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C36	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C37	1-163-038-91	s	CERAMIC 0.1uF 25V
C38	1-163-038-91	s	CERAMIC 0.1uF 25V
C39	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C40	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C41-46	1-163-038-91	s	CERAMIC 0.1uF 25V
C47	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C48	1-163-038-91	s	CERAMIC 0.1uF 25V
C49	1-163-137-00	s	CERAMIC, CHIP 680PF 5% 50V
C50	1-163-038-91	s	CERAMIC 0.1uF 25V
C51	1-163-038-91	s	CERAMIC 0.1uF 25V
CN1	1-568-006-11	s	CONNECTOR, XLR 3P, FEMALE
CN2	1-568-005-11	s	CONNECTOR, XLR 3P, MALE
CN3	1-764-273-11	s	CONNECTOR, BNC, RECEPTACLE
CN4	1-764-273-11	s	CONNECTOR, BNC, RECEPTACLE
CN5	1-563-169-11	s	CONNECTOR, DIN 5P FEMALE
CN6	1-563-169-11	s	CONNECTOR, DIN 5P FEMALE

(TC-72 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CN7	1-563-169-11	s	CONNECTOR, DIN 5P FEMALE
CN8	1-750-795-21	s	CONNECTOR, PC BOARD 120P, MALE
CNI16	1-251-047-11	s	SOCKET, IC 44P
D1-7	8-719-800-76	s	DIODE 1SS226
E1-6	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
FL1	1-233-286-21	s	FILTER, EMI (SMD)
FL2	1-233-286-21	s	FILTER, EMI (SMD)
FL3	1-233-286-21	s	FILTER, EMI (SMD)
FL4	1-233-286-21	s	FILTER, EMI (SMD)
IC1	8-759-356-17	s	IC NJM4556AM-A-TE2
IC2	8-759-356-17	s	IC NJM4556AM-A-TE2
IC3	8-759-440-68	s	IC MAX635ACSA
IC4	8-759-987-27	s	IC LM1881M
IC5	8-749-924-62	s	PHOTO COUPLER PC410
IC6	8-759-081-44	s	IC TC74VHC04F
IC7	8-759-941-17	s	IC SN74LS06NS
IC9	8-759-175-77	s	IC CXD8384Q
IC10	8-759-926-05	s	IC SN74HC125ANS
IC11	8-759-081-44	s	IC TC74VHC04F
IC12	8-759-186-39	s	IC TC74VHC74F
IC13	8-759-113-55	s	IC UPD71054GB
IC14	8-759-081-44	s	IC TC74VHC04F
IC15	8-759-113-55	s	IC UPD71054GB
IC16	8-759-541-86	o	IC EPM7064-TCCONT-V1.2
IC17	8-759-175-27	s	IC TC74VHC574F
IC18	8-759-926-28	s	IC SN74HC174ANS
IC19	8-759-081-42	s	IC TC74VHC00F
IC20	8-759-081-42	s	IC TC74VHC00F
IC21	8-759-443-54	s	IC IDT49FCT805ASO-TL
L1	1-412-280-31	s	INDUCTOR 330UH
L2	1-412-280-31	s	INDUCTOR 330UH
Q1	8-729-230-63	s	TRANSISTOR 2SC4116YG
Q2	8-729-230-63	s	TRANSISTOR 2SC4116YG
R1	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R2	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W
R3	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R4	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R5	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R6	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W
R7	1-218-756-11	s	METAL 150K 0.50% 1/10W
R8	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R9	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R10	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R11	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R12	1-216-692-11	s	METAL, CHIP 51K 0.5% 1/10W
R13-19	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W
R20	1-215-397-00	s	METAL 100 1% 1/6W
R21	1-215-397-00	s	METAL 100 1% 1/6W
R22	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R23	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W
R24	1-215-389-00	s	METAL 47 1% 1/6W
R25	1-215-389-00	s	METAL 47 1% 1/6W
R26	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R27	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W

(TC-72 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R28	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R29	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R30	1-216-025-91	s	CHIP 100 5% 1/10W
R31	1-216-013-00	s	METAL, CHIP 33 5% 1/10W
R32	1-216-117-00	s	METAL, CHIP 680K 5% 1/10W
R33	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R34	1-216-049-91	s	CHIP 1.0K 5% 1/10W
R35	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R36	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R37	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R38	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R39	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R40	1-216-121-91	s	CHIP 1.0M 5% 1/10W
R41	1-216-097-91	s	CHIP 100K 5% 1/10W
R42	1-216-121-91	s	CHIP 1.0M 5% 1/10W
R43-58	1-216-097-91	s	CHIP 100K 5% 1/10W
R59	1-216-025-91	s	CHIP 100 5% 1/10W
R60	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R61	1-216-097-91	s	CHIP 100K 5% 1/10W
TP1-6	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
X1	1-760-654-21	s	CRYSTAL 13.500MHz
X2	1-767-419-21	s	CRYSTAL 8.000MHz

IF-582 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	3-606-760-01	o	PANEL,IF-582 BOARD
1pc	3-606-758-01	o	SHEET,INSULATING(225)
8pcs	7-621-259-35	s	SCREW +P 2.6X5
4pcs	7-682-546-04	s	SCREW +B 3X5
2pcs	3-172-089-01	o	HANDLE
1pc	3-611-613-01	o	SHEET
C1-6	1-163-038-91	s	CERAMIC 0.1uF 25V
C11-33	1-163-038-91	s	CERAMIC 0.1uF 25V
C34	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C35	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C36	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C37	1-163-137-00	s	CERAMIC, CHIP 680PF 5% 50V
C38	1-163-038-91	s	CERAMIC 0.1uF 25V
C39	1-163-038-91	s	CERAMIC 0.1uF 25V
CN1	1-573-718-11	s	CONNECTOR, HALFPITCH 100P, FEMALE
CN2	1-573-718-11	s	CONNECTOR, HALFPITCH 100P, FEMALE
CN3	1-563-772-11	o	CONNECTOR, D-SUB 25P, FEMALE
CN4	1-750-795-21	s	CONNECTOR, PC BOARD 120P, MALE
CNI32	1-251-272-11	s	SOCKET, IC 84P
D1-14	8-719-801-48	s	DIODE 1SS193
E1-6	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
IC1-6	8-759-985-84	s	IC 74AC574SJ
IC11-22	8-759-186-77	s	IC TC74VHC541F
IC23	8-759-985-84	s	IC 74AC574SJ
IC24	8-759-985-84	s	IC 74AC574SJ
IC25	8-759-186-77	s	IC TC74VHC541F
IC26	8-759-186-77	s	IC TC74VHC541F
IC27	8-759-081-44	s	IC TC74VHC04F
IC28	8-759-186-44	s	IC TC74VHC125F
IC29	8-759-186-46	s	IC TC74VHC132F
IC30	8-759-186-75	s	IC TC74VHC540F
IC31	8-759-926-28	s	IC SN74HC174ANS
IC32	8-759-471-54	o	IC EPM7064-IFCONT-V1.1
IC33	8-759-443-54	s	IC IDT49FCT805ASO-TL
PH1-39	8-719-936-58	s	PHOTO COUPLER PC847-BC
Q1	8-729-230-63	s	TRANSISTOR 2SC4116YG
R1	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R2	1-216-637-11	s	METAL, CHIP 270 0.5% 1/10W
R3	1-216-097-91	s	CHIP 100K 5% 1/10W
R4	1-216-097-91	s	CHIP 100K 5% 1/10W
R5	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R6	1-216-097-91	s	CHIP 100K 5% 1/10W
R7	1-216-025-91	s	CHIP 100 5% 1/10W
R8	1-216-097-91	s	CHIP 100K 5% 1/10W
RB1-6	1-239-851-11	s	RESISTOR, BLOCK 270x8
RB7-18	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB19	1-239-304-11	s	RESISTOR BLOCK, CHIP 2.2kx8
RB20	1-239-304-11	s	RESISTOR BLOCK, CHIP 2.2kx8
RB21	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB22	1-239-306-11	s	RESISTOR BLOCK, CHIP 10kx8
RB23	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8

(IF-582 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB24	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB25	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB26	1-239-309-11	s	RESISTOR BLOCK, CHIP 100kx8
RB27	1-239-304-11	s	RESISTOR BLOCK, CHIP 2.2kx8
RY1-12	8-749-013-12	s	IC AQV215SZ
RY14	1-515-928-11	s	RELAY
S1-12	1-570-134-11	s	SWITCH, SLIDE
TP1	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
TP2	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)
TP3	1-535-881-21	o	TERMINAL, TP (AUTO INSERTION)

3-4. Accessories Supplied

Ref. No. or Q'ty	Part No.	SP	Description
[OXF-CP3048]			
2pcs	⚠ 1-551-812-11	s	CORD, POWER (FOR UC)
2pcs	2-990-242-01	s	HOLDER (B), PLUG (FOR UC)
2pcs	⚠ 1-575-181-11	s	CORD SET, POWER (FOR J)
2pcs	⚠ 1-750-686-11	s	CONNECTOR, CONVERSION(3P-2P)(FOR J)
2pcs	⚠ 1-782-929-11	s	CORD, POWER SUPPLY (BS 3P) (FOR CE)
6pcs	3-606-610-01	o	ADJUSTER
4pcs	3-606-654-01	o	FRAME TRIM A(258)
1pc	3-606-675-01	o	FRAME TRIM A(568)
4pcs	3-606-676-01	o	FRAME TRIM A(706)
2pcs	3-606-677-01	o	FRAME TRIM A(888)
14pcs	3-704-356-01	o	SHEET (STANDARD), PROTECTION
4pcs	3-613-640-01	s	PLUG HOLDER(C) (FOR J,CE)
12pcs	4-396-077-01	o	JOINT
12pcs	7-623-214-22	s	SW 8,TYPE 2
12pcs	7-683-475-04	o	BOLT,HEXAGON SOCKET 8X30
12pcs	7-688-007-12	s	W 8, MIDDLE
[OXF-CP3024]			
2pcs	⚠ 1-551-812-11	s	CORD, POWER (FOR UC)
2pcs	2-990-242-01	s	HOLDER (B), PLUG (FOR UC)
2pcs	⚠ 1-575-181-11	s	CORD SET, POWER (FOR J)
2pcs	⚠ 1-750-686-11	s	CONNECTOR, CONVERSION(3P-2P)(FOR J)
2pcs	⚠ 1-782-929-11	s	CORD, POWER SUPPLY (BS 3P) (FOR CE)
6pcs	3-606-610-01	o	ADJUSTER (FOR J:4pc)
3pcs	3-606-654-01	o	FRAME TRIM A(258) (FOR J:4pcs)
1pc	3-606-675-01	o	FRAME TRIM A(568)
3pcs	3-606-676-01	o	FRAME TRIM A(706) (FOR J:4pcs)
1pcs	3-606-677-01	o	FRAME TRIM A(888) (FOR J:4pcs)
14pcs	3-704-356-01	o	SHEET (STANDARD), PROTECTION
4pcs	3-613-640-01	s	PLUG HOLDER(C) (FOR J,CE)
12pcs	4-396-077-01	o	JOINT
12pcs	7-623-214-22	s	SW 8,TYPE 2
12pcs	7-683-475-04	o	BOLT,HEXAGON SOCKET 8X30
12pcs	7-688-007-12	s	W 8, MIDDLE
[OXF-SP3000]			
1pc	⚠ 1-574-816-11	s	CORD, POWER (3 CORE)(FOR UC)
1pc	⚠ 1-559-883-11	s	CORD, POWER (FOR J)
1pc	⚠ 1-750-686-11	s	CONNECTOR, CONVERSION(3P-2P)(FOR J)
1pc	⚠ 1-574-543-11	s	CORD, POWER (FOR CE)
1pc	A-8311-613-A	o	MOUNTED CIRCUIT BOARD, IF-581A (For details for IF-581A board, see page 5-99)
1pc	1-573-551-11	s	TERMINATOR
1pc	1-779-713-11	o	CONNECTOR, COAXIAL, T TYPE
1pc	1-782-544-12	s	CORD, CONNECTION
[OXF-IO3000]			
1pc	⚠ 1-551-812-11	s	CORD, POWER 3P(FOR UC)
1pc	2-990-242-01	s	HOLDER (B), PLUG (FOR UC, J)
1pc	⚠ 1-575-181-11	s	CORD SET, POWER (FOR J)
1pc	⚠ 1-750-686-11	s	CONNECTOR, CONVERSION(3P-2P)(FOR J)
1pc	⚠ 1-782-929-11	s	CORD, POWER SUPPLY (BS 3) (FOR CE)
1pc	3-170-078-01	s	HOLDER (B), PLUG (FOR CE)

Ref. No. or Q'ty	Part No.	SP	Description
[DMBK-R3001]			
2pcs	7-682-947-01	s	SCREW +PSW 3X6
[DMBK-R3002]			
2pcs	7-682-947-01	s	SCREW +PSW 3X6
[DMBK-R3003]			
2pcs	7-682-947-01	s	SCREW +PSW 3X6
[DMBK-R3004]			
2pcs	7-682-947-01	s	SCREW +PSW 3X6
[DMBK-R3006]			
2pcs	7-682-947-01	s	SCREW +PSW 3X6
[DMBK-R3007]			
2pcs	7-682-947-01	s	SCREW +PSW 3X6
[DMBK-R3008]			
2pcs	7-682-947-01	s	SCREW +PSW 3X6
[DMBK-R3009]			
2pcs	7-682-947-01	s	SCREW +PSW 3X6
[DMBK-R3010]			
2pcs	7-682-947-01	s	SCREW +PSW 3X6

Section 4
Block Diagrams and Description

1. CONTROL PANEL OXF-CP3048/OXF-CP3024 4-2
   SCC-4 4-4
   IF-581 4-5

2. SP RACK OXF-SP3000 4-6
   BF-53 4-8
   PIF-13 (DMBK-R3006) 4-10
   PIR-217(DMBK-R3005) 4-12

3. IO RACK OXF-IO3000 4-13
   PIF-14 4-14
   ADC-25 (DMBK-R3001) 4-16
   DAC-18 (DMBK-R3002) 4-18
   ADC-26 (DMBK-R3003) 4-20
   DAC-19 (DMBK-R3004) 4-22
   SDI-22 (DMBK-R3007) 4-24
   DIO-24 (DMBK-R3008) 4-26
   TC-72 (DMBK-R3009) 4-28
   IF-582 (DMBK-R3010) 4-30

1. CONTROL PANEL OXF-CP3048/OXF-CP3024

CONTROL PANEL OXF-CP3048/OXF-CP3024 はレフトチャンネルベイ，センターベイ，ライトチャンネルベイの3つのブロックから構成されている。
レフトチャンネルベイとライトチャンネルベイはフェーダー切り替えブロックを除いては，同一の回路を使用している。

OXF-R3 (OXF-R3/24) コンソールはイーサネット (10Base-2規格) を使用してコントロールパネルとホストコンピュータとの間で通信しており，コントロールパネルのシステムコントローラ基板 (DEC，AXPpci33) はホストコンピュータを介して，操作パネル部からの制御信号を信号処理部に送出する。
このため，システムコントローラ基板はイーサネットインターフェース基板 (DEC，DE450) を使用している。このシステムコントローラ基板は，スキャン基板 (SCC-4基板) を介してカラーグラフィックLCDを除いたスイッチ，フェーダー，つまみ，LCDメータ，LEDディスプレイ等をコントロールしている。
このシステムコントローラ基板は，PCIインターフェース基板 (IF-581B基板) を介して，SCC-4基板で通信している。

SCC-4基板はスキャン基板で，スイッチ，つまみの位置，フェーダの位置等の情報を読み取ると同時に，LEDディスプレイ，LCDメータ，フェーダ等の表示をコントロールしている。このスキャン基板は6個のスキャンエンジンを搭載している。
SCC-4基板からのスキャンバスはBF-57基板に接続されており，スキャンバス信号を各モジュールに分配する。OXF-CP3048には，5枚のBF-57基板が使用されており，レフト，ライトベイには，各2枚のBF-57基板が使用され，センターベイには1枚のBF-57基板が使用されている。スキャンバスの表示信号は，デコードされてLED等のコントロール信号となり，キースキャン信号等のデータは，各モジュールでエンコードされて，スキャンバスに出力される。

2つのトラックボールユニットおよびジョグダイヤルはRS-232Cシリアルラインを経由してSCC-4基板からコントロールされる。
コントロールパネルのカラーグラフィクスLCDは，Xターミナルユニット (Tektronix製) でコントロールされる。OXF-R3 (OXF-R3/24) システムは合計7個のXターミナルユニットを使用しており，これらのXターミナルユニットはイーサネットケーブル (10Base-2規格) を経由してホストコンピュータに接続されている。このXターミナルユニットはVGAグラフィックコントローラを内蔵している。

OXF-CP3048/OXF-CP3024は2系統の電源ユニットを持っており，1系統がライトチャンネルベイに電源を供給しており，他の1系統がセンターベイとレフトチャンネルベイに電源を供給している。電源ユニットからの出力はCN-1179基板に接続され，CN-1179基板から各モジュール等へ電源を供給している。レフトおよびライトチャンネルベイは2枚のCN-1179基板を，センターベイは1枚のCN-1179基板を使用している。リモートセンスは，各々最も遠いCN-1179基板からかけている。

OXF-CP3048/OXF-CP3024はトークバックマイクロホンおよびマイクアンプを持っており，その出力は背面部のコネクタパネルに接続されている。ヘッドホンアンプからのステレオモニタ信号は背面パネルにある入力コネクタより入力する。ヘッドホンジャックは各チャンネルベイのアームレストの前面にある。

1. CONTROL PANEL OXF-CP3048/OXF-CP3024

The CONTROL PANEL OXF-CP3048/OXF-CP3024 consists 3 blocks that are Left channel section(left bay), Center section (center bay) and Right channel section (right bay).
Left channel section and Right channel section are same circuit boards are used except fader select block.

OXF-R3 (OXF-R3/24) console system is used 10Base-2 type Ethernet to communicate between CONTROL PANEL and host computer.
The CONTROL PANEL has a system controller board (DEC AXPpci33). This controller board transfers the data from operation panel section to signal processing section via the Host computer.
Hence, this controller board has the Ethernet Interface card (DEC DE450). This system controller board controls all Switches, Faders, Knobs, LCD meters and LED displays except Color graphics LCD displays on the CONTROL PANEL via the scan board (SCC-4 board).
The system controller board performs to communicate the SCC-4 board via the PCI interface board (IF-581B board).

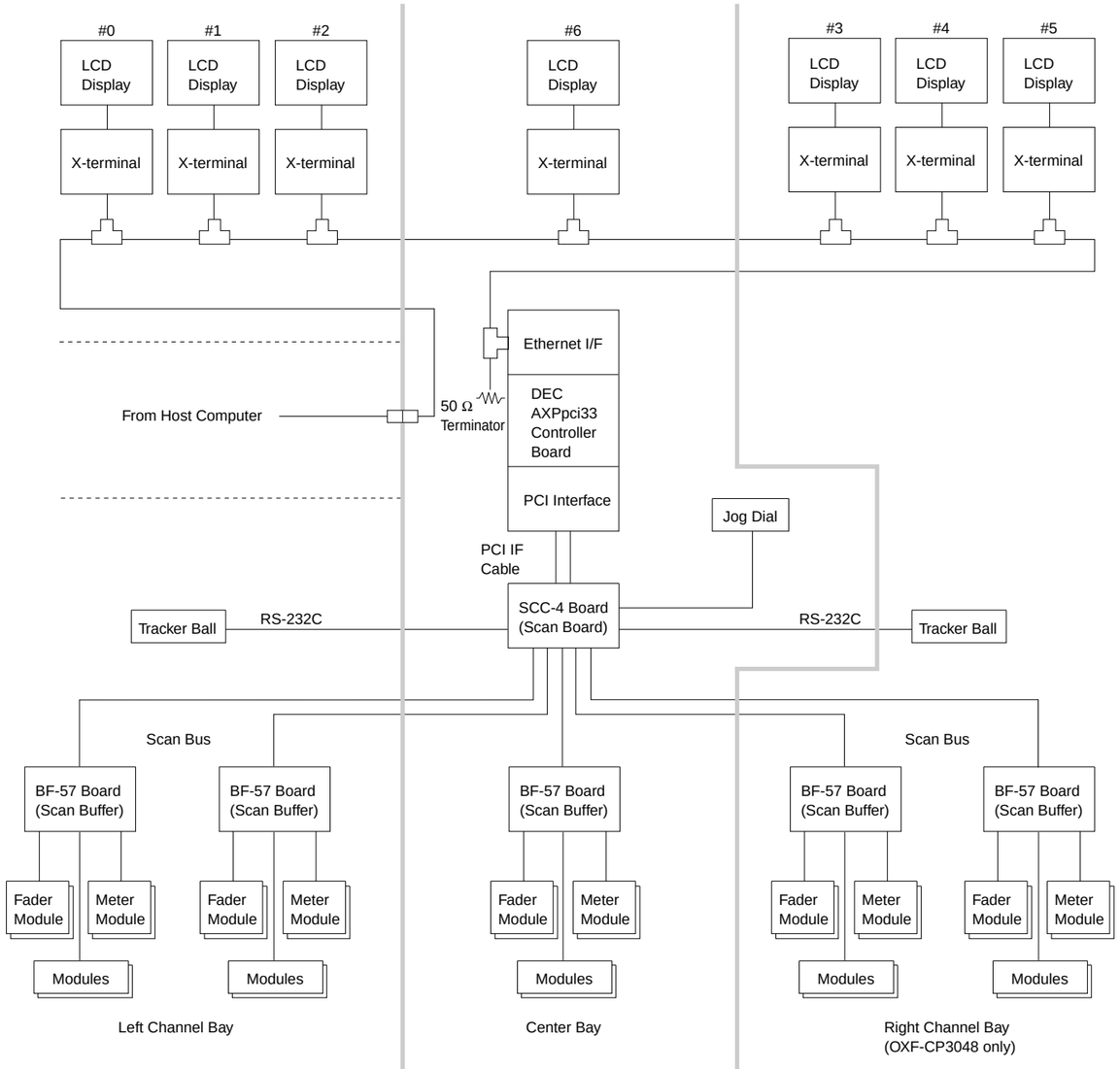
SCC-4 board is the Scan card. This board is used to read the switch information, Knob and fader position. Also, this board controls the LED indicators , LCD meter displays and fader displays. This scan controller board has 6 scan engines.
Scan bus from SCC-4 board are routed to the BF-57 board that is used to distribute the scan bus signals to each module of the control surface.
The CONTROL PANEL OXF-CP3048/OXF-CP3024 has five BF-57 board. Each channel sections (left and right bay) have two BF-57 board. Center bay section has a BF-57 board.
Scan bus signals for display are decoded to the LEDs control signal on the each module. Display data on scan bus which is transferred from SCC-4 board is decoded on the each modules. The key scan signal data is encoded on each module, and this data is transferred from each module to scan bus.

Two Tracker ball units and a Jog Dial are controlled from SCC-4 Board via RS-232C Serial lines.
The Color graphics LCD display on the CONTROL PANEL are controlled by X-terminal unit (made by Tektronix). OXF-R3 (OXF-R3/24) system has total 7 X-terminal units. These terminals are connected to Host computer by 10Base-2 type Ethernet cable. This terminal has the VGA graphic controller.

The CONTROL PANEL OXF-CP3048/OXF-CP3024 has two power supply unit. One power supply covers right channel bay. The other power supply covers center bay and left channel bay. The power outputs from the power supply units are routed to CN-1179 board that are distributed the power line to the each module and etc. Each channel section (left or right bay) has two CN-1179 boards. The center bay section has a CN-1179 board.
Remote sensing is started from the CN-1179 board that is located at the most far-end.

The CONTROL PANEL OXF-CP3048/OXF-CP3024 has a Talk back microphone and Mic amp.
Output of this microphone are routed to the connector panel on rear side of the CONTROL PANEL. The CONTROL PANEL has the stereo monitor signal input for headphone amplifier.
The stereo monitor signal supplied from the headphone amplifier is input the INPUT connector on the rear panel.
The headphone jacks are located on the front of the arm-rest of the left and right channel bays.

OXF-CP3048 : S/N 20001 and Higher
OXF-CP3024 : S/N 20001 and Higher



SCC-4 基板

SCC-4基板は，グラフィックLCD以外のコントロールパネルデバイスをコントロールするシステムコントローラ基板(AXPpci33) のペリフェラルであり，6チャンネルの スキャンエンジンを内蔵している。
SCC-4基板の主な機能を1つのエンジンチャンネルについて下記に示す。

ボリウムコントロールのスキャン
11×16×2=352のボリウムコントロールを定期的にスキャンして，なんらかの変化があればCPUにインタラプトが入る。
スキャン時間はSP RACK OXF-SP3000から供給される外部のFP SYNCまたは，内部の発振器で決まる。
内部の発振器が使用される場合は，4 msから65.5 msまでの16通りの異なったスキャン期間を設定することができる。検出はウインドウ処理が終了してから行われる。

スイッチスキャン
1024箇のスイッチを定期的にスキャンして，デバウンス処理の後になんらかの変化があればCPUにインタラプトが入る。
スキャン期間は2 msに固定されている。
デバウンス処理の時定数は2 × 4 ms = 8 ms

ディスプレースキャン
ディスプレースキャンはLED表示とLCDメーター表示，フェーダー表示を4 ms期間で定期的にスキャンしている。
スキャンの範囲は30 × 2048 ≒ 61000ドットで，2色LEDは2とカウントされる。

シリアルインターフェース
SCC-4基板には，トラッカーボールやジョグダイヤルへアクセスするRS-232Cインターフェース付6チャンネルのの UARTを内蔵している。

SCC-4 Board

SCC-4 Board is a peripheral for system controller board (AXPpci33) to control CONTROL PANEL devices except graphics LCD . This board contains 6 channels of scan engines.
The following describes the performance of One channel of engine.

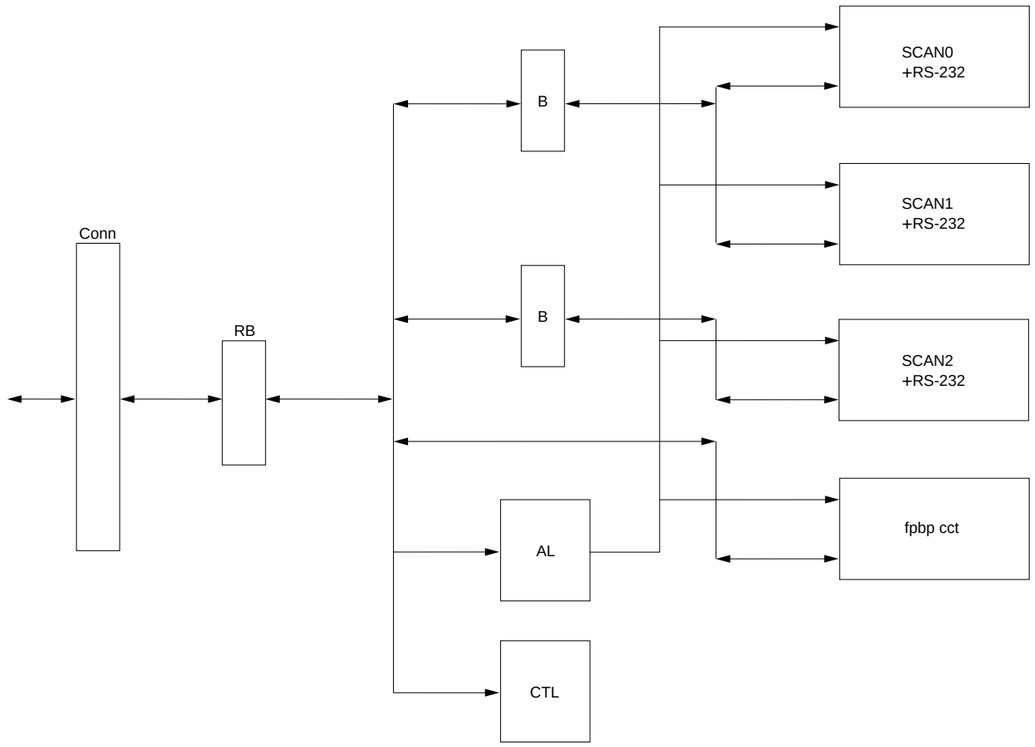
Pot scan
11 × 16 × 2 = 352 pots can be regularly scanned. When any change is detected, CPU will be interrupted.
The scan period can be defined by either external FP SYNC fed by SP RACK or internal oscillator.
When the internal oscillator is used, 16 different scan period are available to select from 4ms to 65.5ms. The detection is done after windowing process .

Switch scan
1024 switches are regularly scanned. Any change detected after de-bounce process causes CPU interrupt. The scan period is fixed to 2ms, and time constant of de-bounce process is 2 × 4 ms = 8 ms.

Display scan
This controls LEDs , LCD meter displays and fader display regularly with 4 ms period. The coverage is approx. 30 × 2048 ≒ 61000 dots. Bi-color LED is counted as 2.

Serial interface
This SSC-4 board has 6ch of UART with RS232C interface to talk to tracker-balls and Jog dials, etc.

OXF-CP3048 : S/N 20001 and Higher
OXF-CP3024 : S/N 20001 and Higher



Conn : SCSI type connector (80P) for PCIIF2
RB : Registered buffer, FCT163501
B : Buffer
AL : Address latch
CTL : Control signal gen
fpbp cct : interrupt reg to show which scan interrupts, fpsync receiver, clk gen
SCAN* : One physical scan engine including two logical scan engines

http://getMANUAL.com

IF-581 OXF-CP3048/OXF-CP3024

IF-581 基板

IF-581 基板（PCI IF 基板）は、システム内臓の PCI バスマスタインターフェースチップ PCI9060 を使用して PCI バスからローカルバスに変換する。
IF-581 基板（PCI IF 基板）は、SSC-4 基板（IF-581B 基板を使用）と BF-53 基板（IF-581A 基板を使用）が CPU との通信に使用する。
IF-581 基板（PCI IF 基板）の主な機能を以下に示す。

- PCI バスからローカルバスへのフォーマット変換
- PCI コンフギュレーションデータの生成
- PCI バスとローカルバス間の 2 チャンネル DMA

IF-581基板のローカルバスはSP RACKと同期をとっており、データおよびアドレスは 32-bit AD バス上に多重化されている。
IF-581 基板は 4 段の FIFO をローカルバスのリード／ライトに持っており、16/8 段の FIFO を DMA 転送のために持っている。

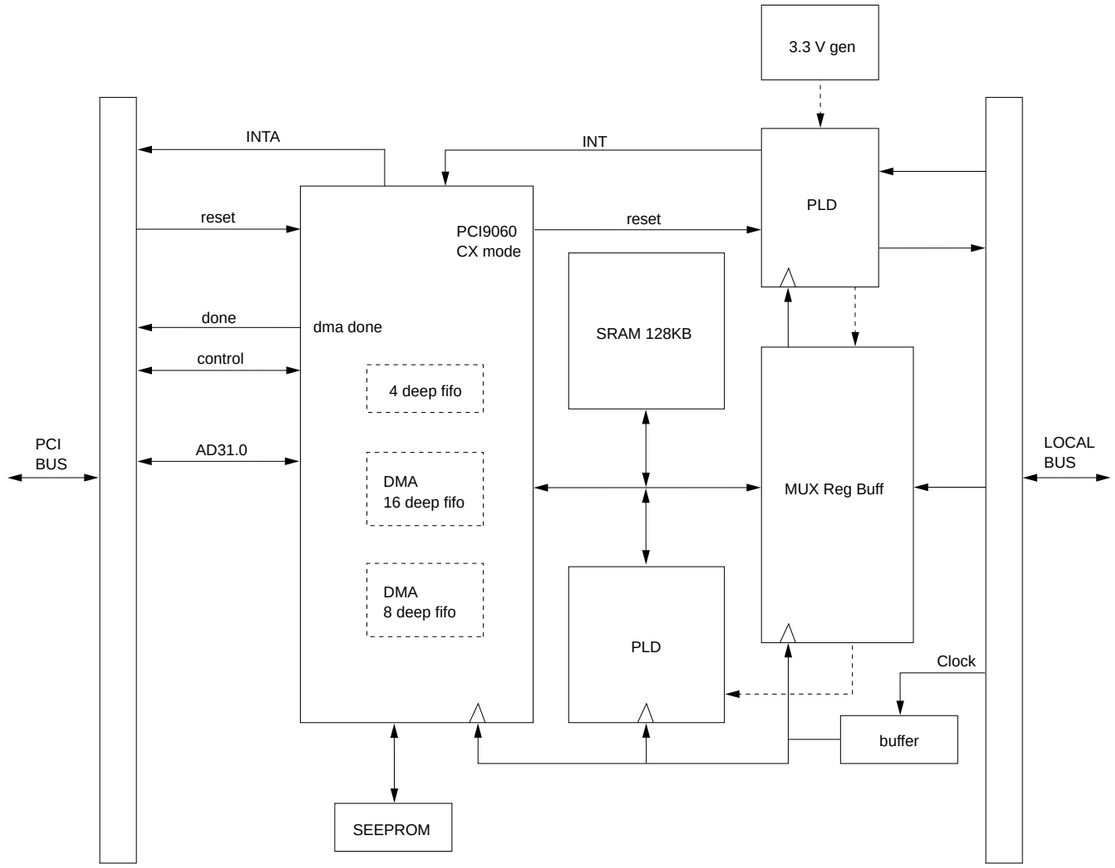
IF-581 Board

The IF-581 board (PCI IF Board) is convert the format from PCI to Local bus using PCI9060 which is PCI bus master interface chip for embedded system.
This IF-581 board (PCI IF Board) is used for communication between SCC-4 board (for IF-581B board) and CPU, BF-53 board (for IF-581A board) and CPU.
The following describes the main functions of IF-581 board (PCI IF Board).

- PCI to local bus format conversion.
- PCI configuration data generate.
- 2 channel DMA between PCI and local bus

Local bus of IF-581 board is synchronous to SP RACK and multiplexed data and address on to 32 bit AD bus.
IF-581 board has 4 deep fifo for read/write to local bus and 16/8 deep fifo for DMA transfer.

OXF-CP3048 : S/N 20001 and Higher
OXF-CP3024 : S/N 20001 and Higher



4-5

2. SP RACK OXF-SP3000

OXF-R3 (OXF-R3/24) のSP RACK (Signal Processor Rack) OXF-SP3000は，デジタル信号処理を行っている部分である。ここにはI/Oラックからのオーディオ信号やPCM-3348などのデジタルマルチトラックレコーダからのオーディオ信号がMADIインターフェースを介して送られてくる。これらの信号はSP Rack内でMIX処理などが行われ，各系統の出力となる。SPラックからのオーディオ出力は，MADIインターフェースを介してI/Oラックやマルチトラックレコーダへ送られる。
SPラックの制御はPCIバスで接続された外部のホストコンピュータより行われる。
ホストコンピュータからのコントロール信号はPCI IFケーブルを介してSPラックへ送られ，そこから，各信号処理LSIなどへ送られる。また，I/Oラックのコントロール信号もSPラックのMADI入出力を使って出力されている。

SP RACK OXF-SP3000は，4種類の基板で構成されている。

MB-631基板
この基板はSPラックのマザーボードであり，この基板を介して，SPラック内のオーディオ信号や制御信号のやり取りが行われている。また，電源ブロックからの+3.3Vおよび+5V出力もこの基板に送られており，各信号処理基板へ分配されている。なお，この基板は16層基板となっており，コネクターと基板との接続点が外部から見えないため，この基板の修理は基板交換対応である。

BF-53基板
この基板はSPラックの制御系をつかさどる基板である。この基板にはホストコンピュータとの通信を行うためのCPU IFコネクタが取り付けられており，ホストコンピュータからの制御信号を他の基板へ送っている。また，各基板からの処理状況をまとめてCPU IFコネクタを介してホストコンピュータへ送っている。この基板は1台のSPラックには1枚しか取り付けることができない。

PIF-13基板 (DMBK-R3006)
この基板はSPラックとI/Oラックやテープレコーダとの接続を行うために使用する基板である。この基板では，外部からMADI信号で送られてきたオーディオデータをデコードして，信号処理基板であるPR-217基板へ送っている。逆にPR-217基板から送られてくるオーディオ出力データはこの基板でMADI信号へ変換されて外部へ出力される。また，I/Oラックを制御するための信号やI/Oラックのステータス情報はこの基板でMADI信号とBF-53基板との橋渡しが行われている。この基板はOXF-R3の標準システムでは3枚 (MADI 6系統) が装着されており，1台のSP Rackに最大4枚まで取り付けることが可能となっている。

PR-217基板 (DMBK-R3005)
この基板はオーディオ信号処理を行う基板である。OXF-R3の信号処理のほとんどの部分はこの基板で行われている。この基板には高速で動作するDSP (SPIC) が25個搭載されており，このDSPが5×5のマトリクス状に接続されている。この様な構成にしたことで，この基板は，最大で16枚まで1台のSP Rackに搭載することが可能となっている。なお，これらの各基板もマトリクス状に接続されているため，増設する際は取り付け位置に注意する必要がある。

SPラックの電源部は3.3Vの電源と5Vの電源および12Vの電源が使用されている。5Vの電源と3.3Vの電源は，信号処理系と制御系で使用されている。(多くのデバイスは3.3Vで動いている。) 12Vの電源はクーリングファンの電源として使用されている。12Vと5Vの電源は全世界対応であるが，3.3Vの電源は電源電圧 (100V系／200V系) の切り替えをジャンパで行っているので，電源交換などの際は注意が必要である。

2. SP RACK OXF-SP3000

The SP RACK (Single Processing Rack) OXF-SP3000 of the OXF-R3 (OXF-R3/24) system is the central circuit block where digital signal processing is performed. The SP rack receives various audio input signals such as audio signal from the I/O rack and the audio signal from digital multi-track recorder through the MADI interface. The input signals receive the MIX processing in the SP rack then are supplied to each channel as their output signals. The audio output signals from the SP rack are sent to I/O rack and to multi-track recorders through the MIDI interface.
The SP rack is controlled by the external host computer which is connected to the PCI bus. The control signals from the host computer are input to the SP rack through the PCI bus cable. The control signals are distributed from the SP rack to each signal processing LSI. The I/O rack control signals are also output from the SP rack using the MADI input/output of the SP rack.

The SP RACK OXF-SP3000 consists of the four types of circuit board.

MB-631 board
The MB-631 board is the mother board of the SP rack. The audio signals and the control signals are transferred inside the SP rack through the MB-631 board. The +3.3 V and +5V power supply output is also supplied from the power supply unit to the MB-631 board where the power is distributed to each signal processing board. The printed board of MB-631 has the 16-layer structure which makes repair work of this board practically impossible since the connection points between the connectors and the board are not visible from outside. If any trouble occurs on the board, replace the mounted circuit board.

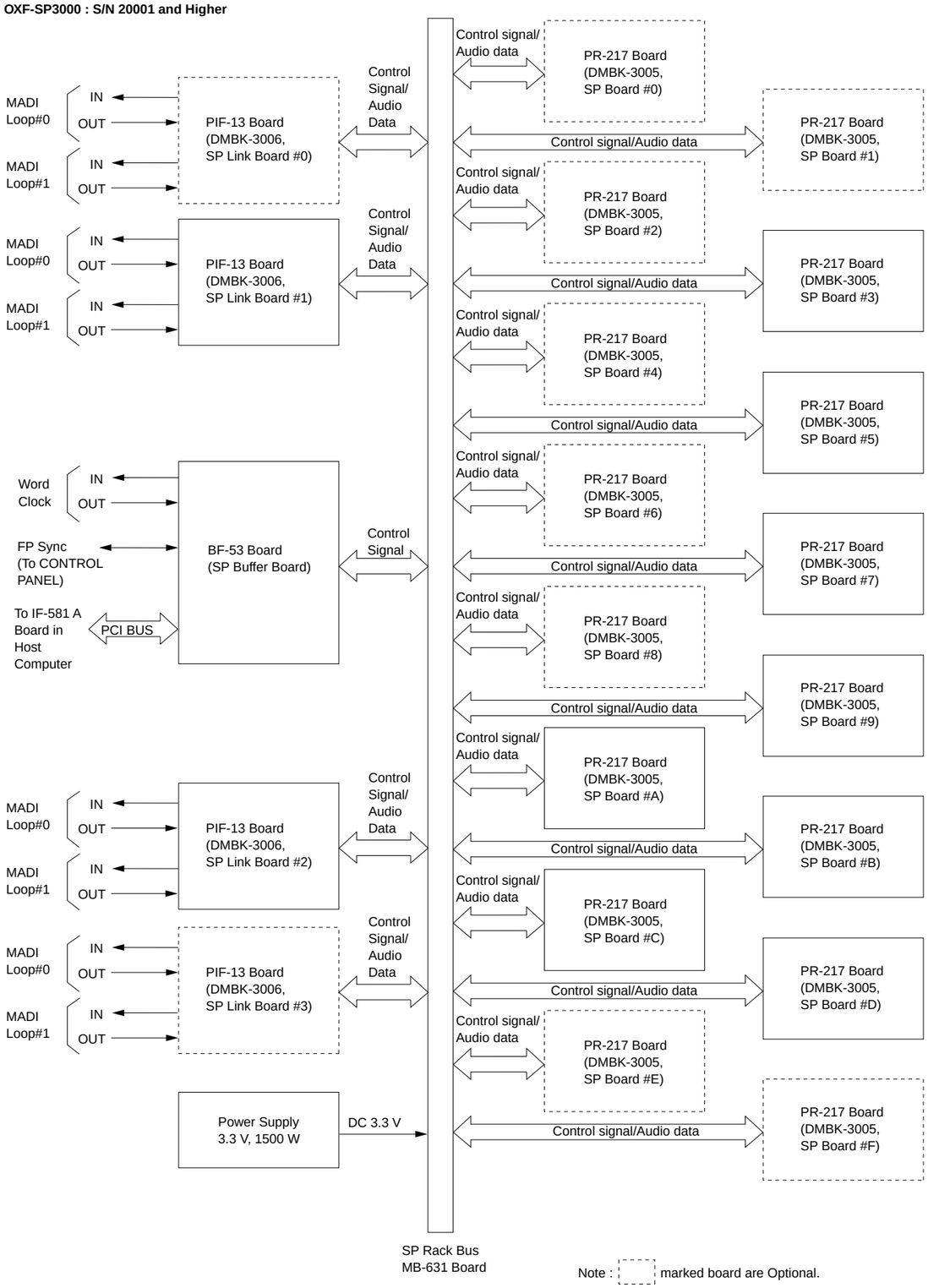
BF-53 board
The BF-53 board controls the control system of the SP rack.
The BF-53 board has the CPU IF connector which establishes communication between the BF-53 board and the host computer. The control signals coming from the host computer are distributed from the BF-53 board to other circuit boards. The signal processing status are always reported from each board to the BF-53 board where the processing status information is sent to the host computer through the CPU IF connector. One SP rack can accept only a BF-53 board.

PIF-13 board (DMBK-R3006)
The PIF-13 board is used to establish interface between the SP rack and the I/O rack or tape recorders. The audio data which are supplied from external source in the form of the MADI signal are decoded in the PIF-13 board and are sent to the PR-217 board that is a signal processing board. At the same time, the audio output data supplied from the PR-217 board, are converted to the MADI signal and output to external devices. The control signals which control the I/O rack, and the status information of the I/O rack are interfaced between the MADI signal and the BF-53 board. The three PIF-13 boards (6 systems of MADI) are installed in the standard system of OXF-R3. Maximum of the four PIF-13 boards can be installed in an SP rack.

PR-217 board (DMBK-R3005)
The PR-217 board performs the audio signal processing. Most of the signal processing of the OXF-R3 is performed by the PR-217 board.
The PR-217 board has the 25 high speed DSPs (SP IC) which are connected in the matrix connection of 5 × 5. Maximum of the sixteen PR-217 boards can be installed in an SP rack. Be careful of the installation slots when increasing the numbers of the PR-217 board because the PR-217 boards are connected in the matrix connection too.

The power supply unit of the SP rack uses the three power supply voltages of 3.3 V, 5 V and 12 V. The 5 V and 3.3 V power supplies are used in the signal processing systems and the control system. (Most devices are operating on 3.3 V.) The 12 V power supply is used as the power supply of the cooling fan. The 12 V and 5 V power supplies can operate world wide as they are. However, be careful that the 3.3 V power supply needs selection of the AC power supply voltage (100 V system or 200 V system) by changing connection of jumper wires.

OXF-SP3000 : S/N 20001 and Higher



Note : marked board are Optional.

BF-53 基板

BF-53 基板（SP Buffer 基板）は OXF-SP3000 の後面パネルの中央に装着されている。
BF-53 基板の主な機能を以下に示す。

- ホストコンピュータ（DEC ワークステーション）と SP RACK OXF-SP3000 間のインターフェース
- SP RACK OXF-SP300 内の SPIC（DSP）アレーのサポート
- マスタークロック（30 MHz）の生成と分配。
- リセットの発生と PSU モニタリング
- サンプルアドレスカウンタ

外部とのインターフェース
外部とのインターフェース機能により，ホストコンピュータは Signal Processing DSP アレーにアクセスすることができ，また DSP アレーからホストコンピュータにインターラプトをかけることができる。このインターフェース機能のロジックは CONTROL PANEL OXF-CP3048/OXF-CP3024 に使用されているロジックと同じである。
インターフェースの他方は，PCI インターフェース基板で，リンクは非同期で行われる。
(接続ケーブルは，High Density ケーブルを使用)

SPIC サポート
SPIC（Signal Processing DSP）アレーが必要とするコントロール信号は BF-53 基板で生成される。
主なコントロール信号を以下に示す。

- Start 信号
- Event 信号
- CSR Interrupt /SYNC_SCAN 信号
- SSB（Serial Sound Bus）信号

クロック信号の生成および分配
BF-53 基板はスキューの少ないマスタクロックを生成し，このクロックを SP RACK OXF-SP3000 に装着されている 16 枚 (OXF-R3, OXF-R3/24 システムでは 12 枚) の SP 基板，PR-217 基板（DMBK-R3005）および 4 枚（OXF-R3, OXF-R3/24 システムでは 3 枚）の SP LINK 基板，PIF-13 基板（DMBK-R3006）に供給する。
マスタクロックの周波数は 30 MHz（電圧は 3.3 V）である。

リセット /PSU モニタリング
BF-53 基板は SP RACK OXF-SP3000 に装着されている 16 枚 (OXF-R3, OXF-R3/24 システムでは 12 枚) の SP 基板，PR-217 基板（DMBK-R3005）および 4 枚（OXF-R3, OXF-R3/24 システムでは 3 枚）の SP LINK 基板，PIF-13 基板（DMBK-R3006）のためのマスタリセットを生成する。
SP RACK OXF-SP3000 内の電源はモニタされ，モニタ出力はホスト CPU に出力して PSU の状態（電源不良はインターラプトを発生）を示す。リセット信号には下記の 3 つが BF-53 基板（SP Buffer）にある。

リセット信号
(A) SPRESET ;
　この信号は全ての PR-217 基板（SP 基板）と PIF-13 基板 (SP LINK 基板) をリセットする。
　このリセット信号は個々のスイッチまたは，SP_buffer ステータスレジスタの中のビットの設定でリセットされる。(下記 B と C を参照)
(B) RACK_RESET ;
　このリセット信号は，Sp_buffer とトリガー（A）をリセットする。
　このリセット信号は個々のスイッチまたは，SP_buffer ステータスレジスタの中のビットの設定または，PSU モニタでセットされる。
(C) EB_RESET ;
　このリセット信号は，ホストコンピュータから供給される。
　このリセット信号は上記 (A) および (B) をトリガーする。

サンプルアドレスカウンタ（SAC）
このサンプルアドレスカウンタ（SAC）は BF-53 基板上にあり，32 ビット幅で，START* パルスをクロックとして使用している。この値をプリロードし，現在の値を読みとる取ることができる。アクティブロー出力は 0xFFFF の値をアクティブにすることを可能にし，PIF-13 基板（SP LINK 基板）の SAC と同期をとるためにこの出力を PIF-13 基板 (SP LINK 基板) に送る。

BF-53 Board

The BF-53 Board (SP buffer Board) is installed the center slot of rear panel of the SP RACK OXF-SP3000.
It is plugged in to the rear of the back plane.
The following describes the main functions of BF-53 Board (SP Buffer Board).

- Interface between Host computer and SP rack.
- Support for SPIC (DSP) array in the SP rack.
- Master 30 MHz clock generation / distribution.
- Reset generation / PSU monitoring.
- Sample address counter.

External Interface
This is the circuit that arrows Host computer to access the Signal Processing DSP array, and provides interrupts from the array to Host computer.
The logic for the interface function is the same as used on CONTROL PANEL OXF-CP3048/OXF-CP3024.
The ‘other side’ of the interface is the PCI interface board.
The link is asynchronous and appears down a high density cable (80 pin cable).

SPIC support
The control signals needed by the SPIC (Signal Processing DSP) array are produced by the SP buffer board. These are summarized below.

- Start signal
- Event signal
- CSR interrupt / SYNC_SCAN signal
- SSB (Serial Sound Bus)

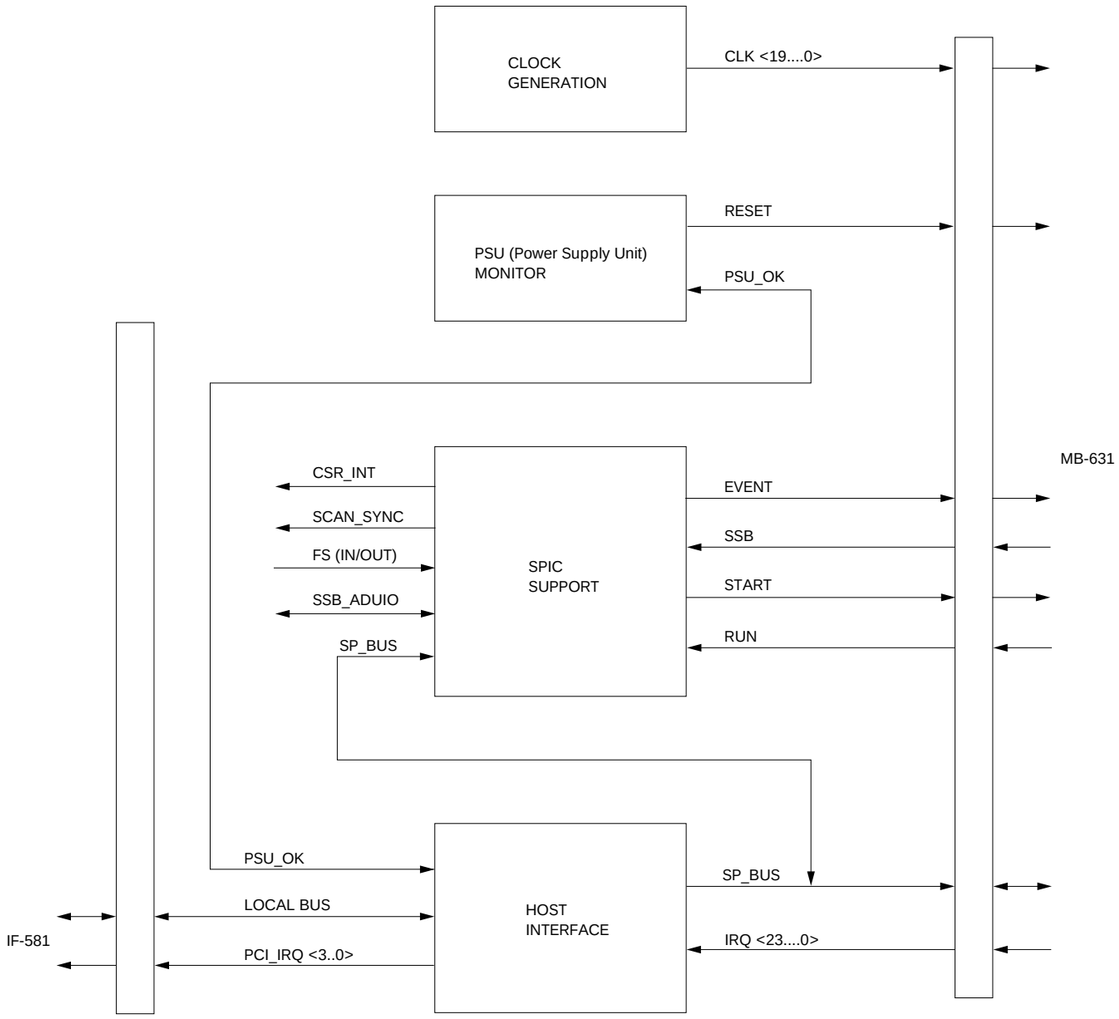
Clock Generation / Distribution
The BF-53 board produces the low skew master clock for the 16 (12; OXF-R3 and OXF-R3/24 systems) SP boards (PR-217 board) and 4 (3; OXF-R3 and OXF-R3/24 systems) SP LINK boards (PIF-13 board) in the SP RACK OXF-SP3000.
Its frequency is 30MHz ,Voltage levels are 3.3 V.

Reset / PSU Monitoring
The BF-53 board produces the master reset for the 16(12 ; OXF-R3 and OXF-R3/24 systems) SP boards (PR-217 board) and 4 (3 ; OXF-R3 and OXF-R3/24 systems) SP LINK boards (PIF-13 board) in the SP RACK OXF-SP3000. The power supplies in the rack are monitored with an output available to the host showing PSU condition (power fail causes an interrupt).
There are three reset signals at the sp_buffer:

(A) SPRESET ;
　This signal resets all SP boards (PR-217 board) and SP link boards (PIF-13 board). It is set by a separate switch or setting a bit in the SP_buffer status reg. (or see B and C below).
(B) RACK_RESET ;
　This signal resets the sp_buffer and triggers (A). It is set by a separate switch or setting a bit in the SP_buffer status reg. or the PSU monitor.
(C) EB_RESET ;
　This is the reset signal from DEC work station. It triggers (A) and (B) above.

Sample Address Counter
There is a sample address counter (SAC) on the sp_buffer board (BF-53 board). It is 32 bits wide and clocked by the START* pulse. It is possible to preload its value and read the current value. An active low output is available which is active on the value 0xFFFF and goes to the SP LINK boards (PIF-13 board) to synchronize their own SACs.

OXF-SP3000 : S/N 20001 and Higher



PIF-13 基板 (DMBK-R3006)

PIF-13 基板 (DMBK-R3006) は、SP RACK OXF-SP3000 に装着して使用する SP リンク基板で、OXF-R3 (OXF-R3/24) システムの SP RACK OXF-SP3000 には 3 枚装着されている。
PIF-13 基板 (DMBK-R3006) は、2 チャンネルの MADI ポートを持っており 56 チャンネルまでのオーディオデータをチャンネル毎に転送する。この基板は、MADI フォーマットと上方互換のある「LINK プロトコール」で制御することができる。
LINKプロトコールを使用すればアナログデバイスのゲインや機器のタイムコードをMADIケーブルを介してコントロールすることができる。
PIF-13 基板 (DMBK-R3006) の主な機能を下記に示す。

- MADI data RX/TX と 5 系統のバスを介した PR-217 基板 (SPCARD) との送 / 受信
- LINK control signal (1 Mbps HDLC) RX/TX
- Alpha chip とのコントロールデータ通信

- 自己診断
  自己診断には、立ち上がり時の自己診断と動作中のモニタがある。立ち上がり時にはメモリーをチェックする。
  自己診断ではMADI信号、ブロックビット、チャンネルステータスビットをチェックしている。
  これらのステータスはLED 上に表示され、RS232Cへ転送される。
  下記の MADI エラーが検出される。

- TAXI RX からの VLTN がある場合には、FIFO が 2FS 期間の間クリヤされ、赤色の LED が点滅する。
- MADIチャンネルのパリティにエラーがあれば、チャンネルは次のデータにはアップデートされない。
  (1 サンプル期間だけホールドする。)

PIF-13 Board (DMBK-R3006)

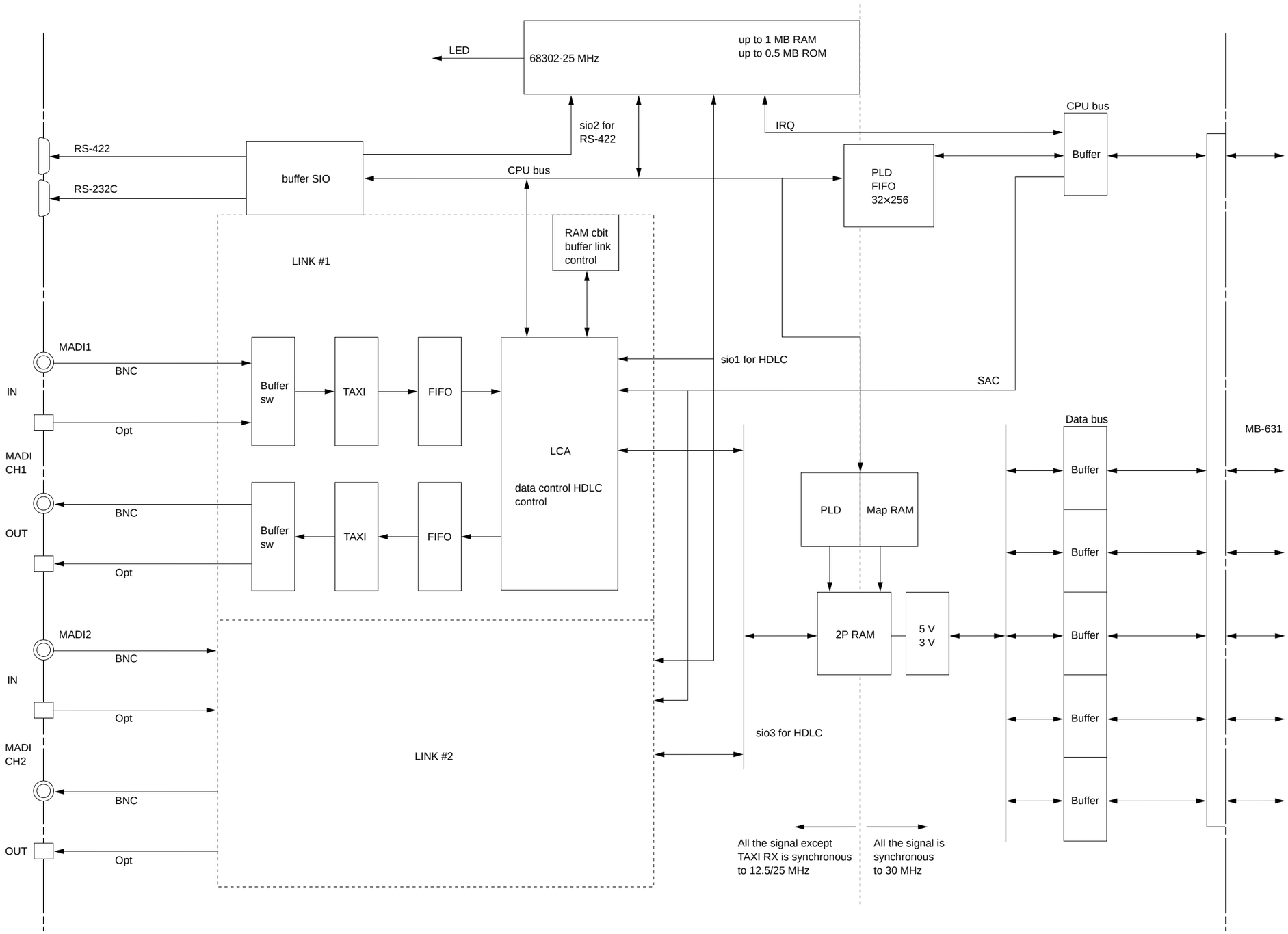
The PIF-13 board (DMBK-R3006) is link board for SP RACK OXF-SP3000 of the OXF-R3 (OXF-R3/24) system.
The three PIF-13 boards are installed in the OXF-SP3000 of the OXF-R3 (OXF-R3/24).
The PIF-13 board (DMBK-R3006) has 2 channel MADI port and transfer up to 56 channel audio data on each channel.
This board can handle “LINK protocol” which is upward compatible with MADI format.
Using LINK protocol, gain of analog device and machine include time code can be controlled via MADI cable.
The following describes the main functions of PIF-13 board (DMBK-R3006).

- MADI data RX/TX and receive/transmission to SP-CARD via 5 buses
- LINK control signal (1 Mbps HDLC) RX/TX
- Control data communication between Alpha chip

- Diagnosis
  Diagnosis is doing initial-time self test and runtime monitoring.
  It checks memory on initial-time.
  It checks MADI signal, Block bit and Channel status bit.
  These status are on the LEDs and transfer to RS-232C.
  MADI error is detected as follows:

- If VLTN from TAXI RX is assert, FIFO is cleared for 2FS period and Red LED flash.
- If parity on a channel of MADI has error, the channel is not update. (one sample hold)

DMBK-R3006 : S/N 10001 and Higher



SP Link
PIF-13
DMBK-R3006

PR-217 基板 (DMBK-R3005)

PR-217 基板 (DMBK-R3005) は，OXF-R3 (OXF-R3/24) システムの SP RACK OXF-SP3000 に装着して使用する SP RACK 用信号処理基板である。
メイン CPU (ホストコンピュータ) から見ると，PR-217 基板は IF-581 基板 (PCI IF 基板) と BF-53 基板 (SP BUFFER 基板) を介して接続されているペリフェラル基板である。SP RACK の外部とのオーディオ I/O は PIF-13 基板 (DMBK-R3006) を介して行う。
この信号処理用 DSP は SPIC と呼ばれている。
PR-217基板は，PCI ローカルバスを介してコントロール情報を受けとり，音声信号を変化させる。
入力オーディオデータに対する必要な信号処理はSP ICで行われて出力される。
信号処理プログラムは，コントロールポートを介してメイン CPU からロードされる。
インタラプトレジスタを利用して，どのソースがインタラプトをリクエストしているか検出することも個々にマスクすることもできる。
なお，ホストコンピュータ，IF-581 基板 (PCI IF 基板)，PIF-13 基板 (SP BUFFER 基板)，MB-631 基板 (SP マザー基板) を用意することにより下記の項目をテストできる。

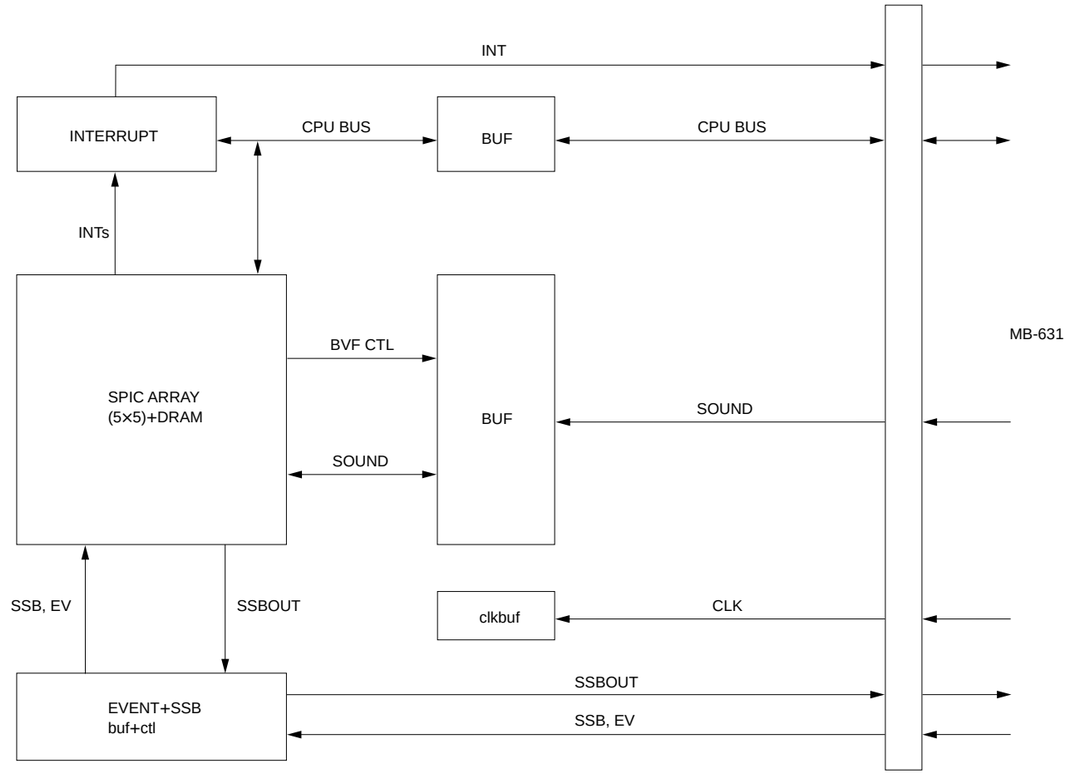
- SP IC プログラム RAM，A RAM，B RAM，C RAM および割り込みレジスタのメモリテスト
- SP IC DRAM テスト
- SP IC，音声バステスト

PR-217 Board (DMBK-R3005)

The PR-217 board (DMBK-R3005) is the signal processing board for SP RACK OXF-SP3000 of the OXF-R3 (OXF-R3/24) system.
From main CPU (Host computer)'s point of view, this is a peripheral card connected via IF-581 board (PCI IF board) and BF-53 board (SP Buffer board). Audio IO to/from outside the rack is via PIF-13 board (DMBK-R3006).
The signal processing engine (DSP) is called SPIC.
The PR-217 board receives control information to alter the sound via PCI local bus and appropriate processing is done in SP ICs on to incoming audio data, then output.
The signal processing program is loaded from main CPU via control port.
Interrupt register is available to find which source is requesting, and also to mask individually.
Currently following items are able to test with Host Computer, IF-581 Board (PCI IF board), PIF-13 Board (SP buffer Board) and MB-631 Board (SP Mother board).

- Memory test for SP IC Program RAM, A RAM, B RAM, C RAM and Interrupt Register
- SP IC DRAM test
- SP IC, Sound BUS test

DMBK-R3005 : S/N 10001 and Higher



3. I/O RACK OXF-IO3000

OXF-R3 (OXF-R3/24) コンソールシステムには,スタジオ周辺機器から多くのインターフェースの要求がくる。
インターフェースの信号菰式にも多くの種類があり,これらはマルチチャンネルデジタルオーディオ信号からアナログマイクロホン信号までの広い範囲の信号である。
I/O RACK OXF-IO3000 は独立した機器で，電源を内蔵しており，OXF-R3 (OXF-R3/24) コンソールシステムがスタジオ周辺機器を接続するのに必要な全ての種類の I/O インターフェースに対応している。
各インターフェースが必要とするデータ変換は,オプションのインターフェース基板 (DMBK基板) によって実現している。オプションのインターフェース基板は実際のシステム構成に従って I/O RACK OXF-IO3000 に装着されている。
これらのインターフェース基板はOXF-R3 (OXF-R3/24) システムでは，2台の OXF-IO3000 に以下のように装着されている。

I/O RACK OXF-IO3000 (1) ;

ADC-26 基板 (DMBK-R3003)	× 3
DAC-19 基板 (DMBK-R3004)	× 3
DIO-24 基板 (DMBK-R3008)	× 2
IF-582 基板 (DMBK-R3010)	× 1
TC-72 基板 (DMBK-R3009)	× 1
PIF-14 基板 (OXF-IO3000 に装着済)	× 1

I/O RACK OXF-IO3000 (2) ;

ADC-25 基板 (DMBK-R3001)	× 8
DAC-18 基板 (DMBK-R3002)	× 2
PIF-14 基板 (OXF-IO3000 に装着済)	× 1

I/O ラックは独立した機器であるので，I/O ラックをスタジオ周辺機器の近くに配置し,接続ケーブルの長さを最短にすることができる。
I/O ラックとメインプロセッサーの間の全てのデータとコントロールの通信は，MADIインターフェースを使用した高速シリアルリンクが各I/Oラックに装着されている I/O LINK 基板 (PIF-14 基板) で形成され，実現している。

3. I/O RACK OXF-IO3000

In the OXF-R3 (OXF-R3/24) console system there is a requirement to interface to a wide variety and large number of peripheral studio equipment. The variety of types of the data required for these interfaces is also very wide, ranging from multi channel digital audio to analogue microphone signals.
The I/O RACK OXF-IO3000 is a stand alone, self powered rack used to accommodate all types of I/O interfaces required by the OXF-R3 (OXF-R3/24) console system for the connection to peripheral studio equipment.
The data conversion required by the various interfaces is accomplished by arange of Optional Interface boards (DMBK boards). These are installed in the I/O RACK OXF-IO3000s depending on actual system requirements.
The OXF-R3 (OXF-R3/24) standard system is shipped from the factory with the following optional interface boards (DMBK boards) installed into two OXF-IO3000s as shown below.

I/O RACK OXF-IO3000 (1) ;

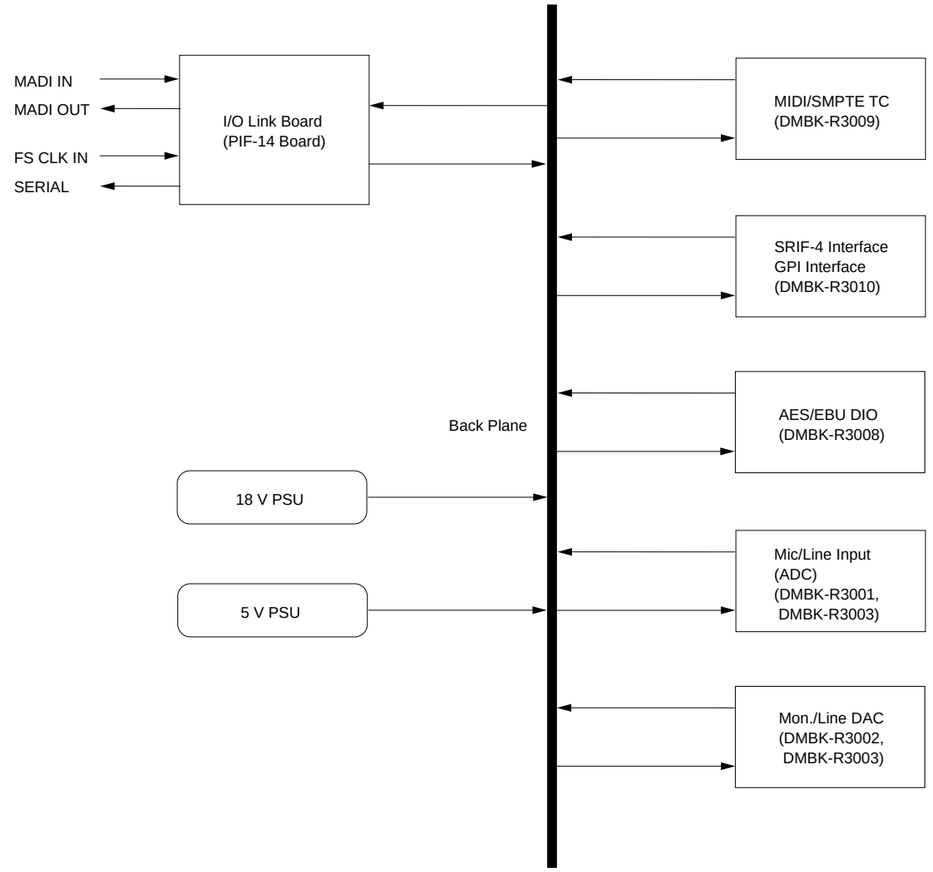
ADC-26 board (DMBK-R3003)	× 3
DAC-19 board (DMBK-R3004)	× 3
DIO-24 board (DMBK-R3008)	× 2
IF-582 board (DMBK-R3010)	× 1
TC-72 board (DMBK-R3009)	× 1
PIF-14 board (Supplied with OXF-IO3000)	× 1

I/O RACK OXF-IO3000 (2) ;

ADC-25 board (DMBK-R3001)	× 8
DAC-18 board (DMBK-R3002)	× 2
PIF-14 board (Supplied with OXF-IO3000)	× 1

Since the I/O racks are stand alone, it is intended that they be located close to peripheral equipment such that interconnecting cable lengths can be minimized.
All data and control communication between the I/O rack and the main processor is accomplished via MADI based high speed serial links by virtue of the I/O LINK Board (PIF-14 Board) installed in each I/O rack.

OXF-IO3000 : S/N 20001 and Higher



PIF-14 基板

PIF-14 基板は，OXF-R3 (OXF-R3/24) システムの I/O RACK OXF-IO3000 に標準で装着されている LINK 基板で，アナログとデジタル I/O 基板を受け付ける。
PIF-14 基板は MADI ケーブルを使用して SP RACK OXF-SP3000 に接続され，最大56チャンネルのオーディオデータを双方向に転送することができる。この基板は MADI フォーマットと上位互換のある「LINK プロトコール」で制御することができる。
LINK プロトコールを使用すればアナログデバイスのゲインや機器のタイムコードをMADIケーブルを介してコントロールすることが可能である。
PIF-14 基板の主な機能を以下に示す。

- MADIデータのRX/TXおよびIO基板とのデータの送/受信
- LINK コントロール信号 (1 Mbps HDLC) RX/TX
- CPU による I/O 基板のシステムコントロール
- SYNC 信号の送 / 受信
- 内部クロックの生成
- ディザー信号の生成
- ADC/DAC 基板の 56004 DSP IC のブートアップ
- TC-72 基板の MIDI の UART 送 / 受信
- 自己診断機能
  自己診断は，システム立ち上がり時の自己診断と動作中のモニター機能がある。
  立ち上がり時はメモリーのチェックを行い，MADI信号，ブロックビット，チャンネルステータスビットをチェックしている。これらのステータスは8ビットLED上に表示され，RS-232C へ転送される。

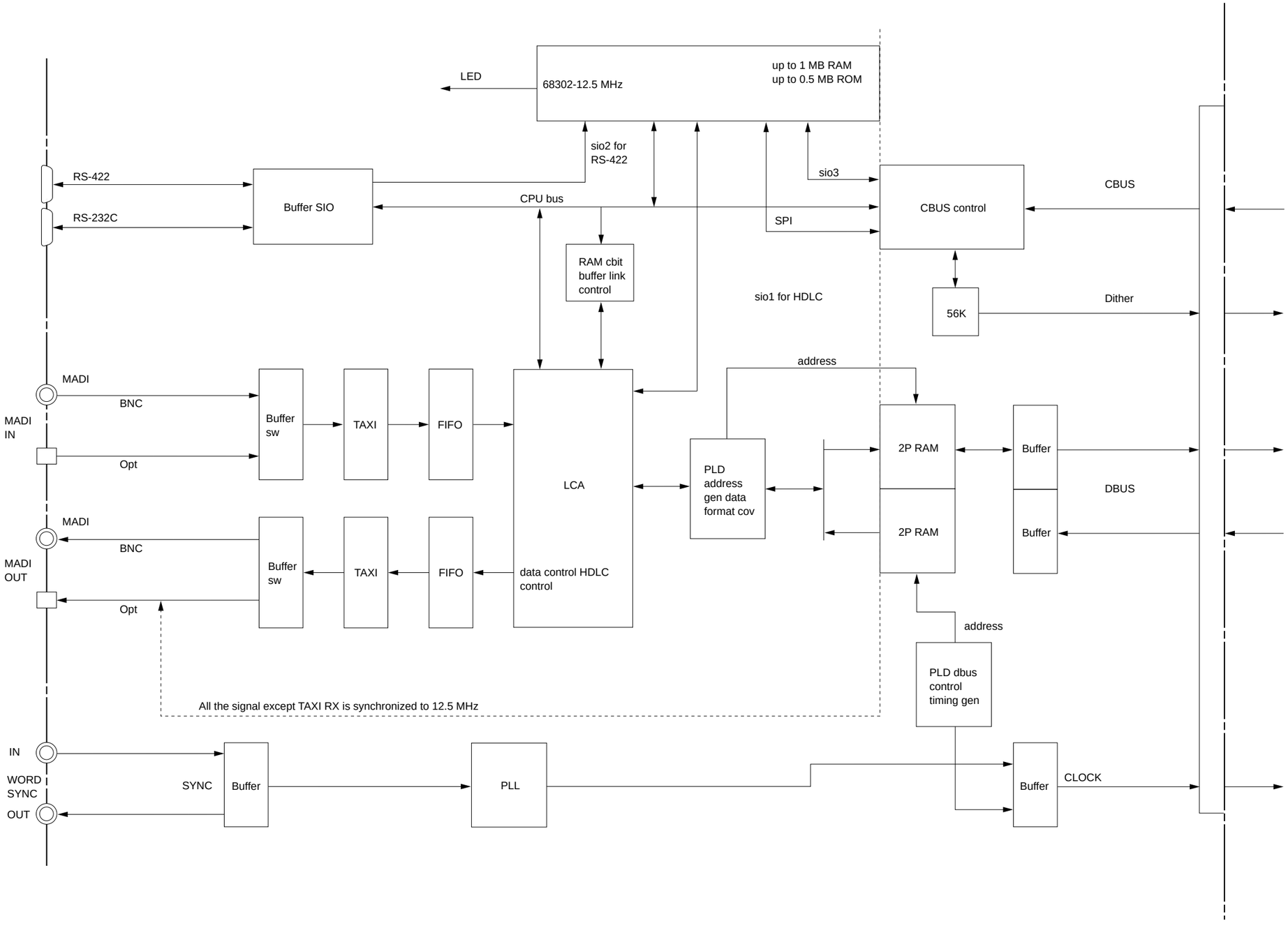
PIF-14 Board

The PIF-14 Board is link board for I/O RACK OXF-IO3000 of OXF-R3 (OXF-R3/24) system which can accept both analog and digital I/O board.
This PIF-14 board is connected to SP RACK OXF-SP3000 using MADI cable and transfer up to 56 channel audio data for each direction.
The PIF-14 board can handle "LINK protocol" which is upward compatible with MADI format.
Using LINK protocol, gain of analog device and machine include time code can be controlled via MADI cable.
The following describes the main functions of the PIF-14 board.

- MADI data RX/TX and receive/transmission to I/O board
- LINK control signal (1 Mbps HDLC) RX/TX
- System control for I/O board using CPU
- SYNC receive and transmission
- Internal clock generation
- Dither generation
- Bootup for 56004 DSP ICs on the ADC and DAC boards
- UART receive/transmission to MIDI data of TC-72 board
- Diagnosis
  Diagnosis is doing initial-time self test and runtime monitoring.
  It checks memory on initial-time.
  It checks MADI signal, Block bit and Channel status bit.
  These status are on the LEDs (8 bits) and transfer to RS-232C.

http://getMANUAL.com

OXF-IO3000 : S/N 20001 and Higher



ADC-25 基板 (DMBK-R3001)

OXF-R3 (OXF-R3/24) コンソールシステムは，多系統のマイクロホン信号をシステムへ入力する必要がある。
ADC-25 基板 (DMBK-R3001) は I/O RACK OXF-IO3000 に装着するインターフェース基板で，マイクロホンレベルのアナログ信号をデジタル PCM フォーマットに変換する。
ADC-25 基板 (DMBK-R3001) の主な機能を以下に示す。

・ マイク入力
・ ライン入力
・ ゲインコントロール
・ ファンタム電源
・ 通常の遅延フィルタまたは微遅延フィルタ
・ 将来の 96 kHz サンプリング

ADC-25 基板はコンソール用として最適化され，広いダイナミックレンジを有する 4 チャンネルのマイクアンプと A/D コンバータから構成されている。入力アンプは A/D コンバータが最適の動作範囲を一杯に使い最小のノイズレベルで動作するように入力信号のゲインを増幅している。また，入力段もローインピーダンスマイクロホン，ファンタム電源，ゲインのリモートコントロール等とのマッチングを実現している。
更に，ラインアッテネータをリモートコントロールで切り替えることが可能で，必要な場合はラインの信号レベルを調整することができる。
音楽的に非常に高度な用途では A/D 変換過程での信号の遅延が問題になることがある。この対策として本回路には 56004 プロセッサにプログラマブル FIR 部を使用し，遅延量の少ないモードでも動作することができる。遅延量の少ないモードでの動作では，信号周波数に比例した位相エラーが発生する。

マイクアンプ部はハイブリッド構成となっており，LM394 入力トランジスタをローノイズインピーダンスマッチングに，また NE5532 オペレーションアンプを低歪率ループゲイン用に使用している。ゲインコントロールはリレーでスイッチされた抵抗を組み合わせて，6 dB ステップでコントロールできる。ゲインコントロール操作を行っている間に磁気の干渉を受けるが，これに起因するノイズを減少させるため，リレー駆動電圧をさげている。また，ゲインコントロール時のクリックノイズを防止するため，回路設計に充分な注意を払って入力オフセット等を除去している。

各 A/D コンバータ部は 2 個の AK5390 フロントエンドで構成されており，ステレオ入力は同一信号が逆相で入力される。各 A/D コンバータから得られる 1 ビット 64FS の出力は相互に逆相で加算され，LCA で連続的なフォーマットで 1 ビット 64FS のシリアル信号を作る。
この出力信号は HA FIR IC 内でフィルターを通し，デシメーションを行って 56004 FIR による帯域制限に適した 8FS 信号を作っている。このコンバータの最終的なノイズ特性はこのフィルタの特性に大幅に依存しており，特にデシメーションによって 8FS 信号を作る前の初段の FIR の フィルタレベルに依存している。
全ての FIR 処理係数は I/O LINK 基板 (PIF-14 基板) に保存され，ブートアップ時にダウンロードされる。フィルタ弧式による違い (例えば遅延量の違い) により，新しい係数をダウンロードすると共にオーディオミュートが必要である。

基板上にマウントされているシステムのためにインバータ回路から電源が供給される。この 18 V 入力が全ての内部の PSU電圧を供給している。この回路はノイズの発生を避けるために FS に同期している。

ADC-25 Board (DMBK-R3001)

The OXF-R3 (OXF-R3/24) console system requires a number of microphone signals to be input to the system.
The ADC-25 board (DMBK-R3001) is a conversion interface module used in the I/O RACK OXF-IO3000 in order to convert analogue microphone level signals into digital PCM format.
The following describes the main functions of ADC-25 board (DMBK-R3001).

・ Mic input
・ Line input
・ Gain control
・ Phantom power
・ Normal or low delay filtering.
・ Future 96 kHz sampling

The ADC-25 board (DMBK-R3001) consists of 4 channels of Mic amplifiers and A/D converters optimized for large dynamic ranges encountered in this application.
The input amplifiers serve to increase the gain such that the A/D converter may be used over the optimum range for minimum noise. Also the input stages provide matching for low impedance microphones, phantom powering, and remote gain control.
In addition there is a switched line attenuator which is selected remotely, allowing line level signals to be accommodated when required.
Since in critical applications the delay of the conversion process can be a problem, the circuit incorporates a programmable FIR section in the 56004 processor which can be run in low delay mode. In this case there will be a phase error relative to signal frequency.

The Mic amplifier section is a hybrid design utilizing LM394 input transistors for low impedance noise matching and NE5532 opamps for low distortion loop gain. Gain control is accomplished via relay switched resistors giving 6dB stepped control.
Relay drive voltages are slowed in order to reduce noise due to magnetic interference during gain control operation, also considerable care is taken in cct design to eliminate input offsets in order to avoid gain control clicks etc.

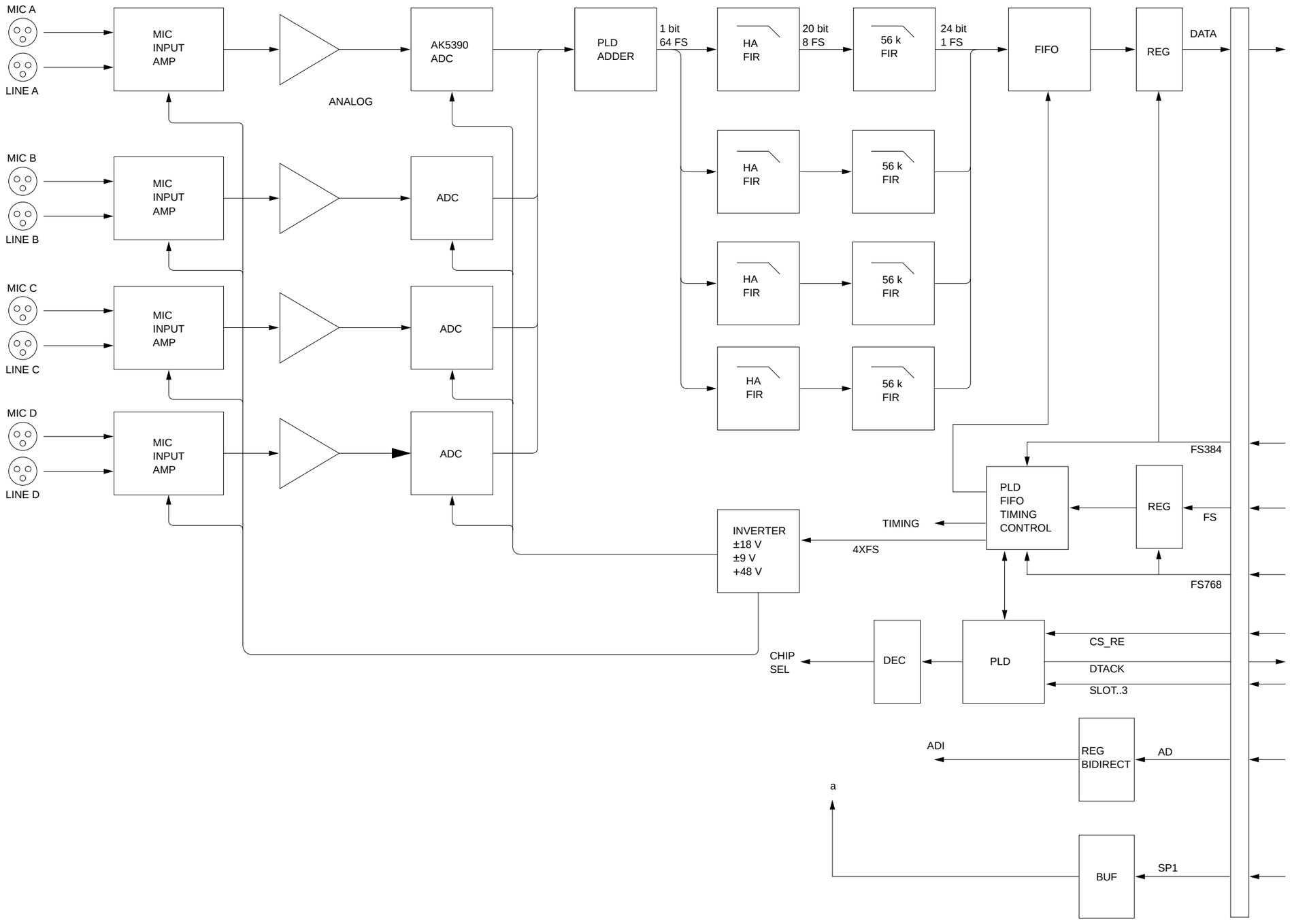
Each A/D converter section comprises of two AK5390 front ends, the stereo inputs are driven in antiphase with the same signal . The 1 bit 64FS result from each converter is added together in antiphase to produce a 1 bit 64FS product signal in serial format in the LCA.

The resulting signal is then filtered and decimated in the Harris FIR IC in order to obtain an 8FS signal suitable for bandpass limiting by the 56004 FIR. The final noise performance of the converter will depend greatly on the characteristics of this filtering, especially the level of filtering available in the first FIR before decimation to 8FS.

All FIR processing coefficients are stored on the I/O Link Board (PIF-14 Board) and are down loaded at boot-up. Changes in filter type (ie lowdelay) will require audio mute whilst new coefficients downloaded etc..

Power supply for onboard systems is provided by an inverter cct. This inputs 18 Volts and provides all internal PSU voltages. The circuit is synchronous to FS to avoid noise generation.

DMBK-R3001 : S/N 10001 and Higher



Mic/Line A/D Converter
ADC-25
DMBK-R3001

DAC-18 基板 (DMBK-R3002)

OXF-R3 (OXF-R3/24) コンソールシステムは，コンソールとしての使用目的として，多数のデジタル信号をアナログ信号に変換しモニター用として出力する必要がある。
DAC-18 基板 (DMBK-R3002) は I/O RACK OXF-IO3000 に装着して使用するインターフェース基板で，デジタル信号をアナログ信号に変換するために使用される。
DAC-18 基板 (DMBK-R3002) の主な機能を以下に示す。

- ライン出力
- ゲインコントロール
- 通常の遅延フィルタまたは微遅延フィルタ

DAC-18 基板はコンソール用として最適化され，広いダイナミックレンジを有する 8 チャンネルの D/A コンバータとライン出力ドライバ (バランス型) で構成されている。
出力ドライバは，システムが長い距離のケーブルを使用しても，また広い範囲の負荷インピーダンスと接続されても特性が劣化しないように，信号レベルを増幅し，バランス出力を供給し，出力インピーダンスを下げている。
出力段は，リモートコントロールでゲインを調整できるようになっており，外部機器とデジタル的に最適の条件でマッチングするように出力レベルを調整している。このリモートコントロールは 7 ビットの MDAC を使用して実現している。
音楽的に非常に高度な用途では，D/A 変換過程での信号の遅延が問題になることがある。
この対策として本回路には56004プロセッサにプログラマブルFIR部を使用し，遅延量の少ないモードでも動作することができる。遅延量の少ないモードでの動作では，信号周波数に比例した位相エラーが発生する。
各々の D/A コンバータ部は，PCM1702コンバーターデバイスを2個使用しており，それぞれ逆相のオーディオ信号で駆動している。D/A 変換を行う前に，各々の音声信号と同位相のランダムノイズ信号をそれぞれに加えている。結果として生じる信号は，アナログ領域でオーディオ信号は 2 倍に乗算され，ノイズの打ち消された信号が得られている。したがって，コンバータの非直線性に起因するエラーはノイズ成分に変換され，出力信号には耳に聞こえる高調波成分を持たなくなる。
帯域制限フィルタ，ノイズの発生，およびその加算は基板上で 56004 プロセッサでおこなわれる。
プログラムと係数は I/O LINK 基板 (PIF-14 基板) にセーブされており，ブートアップ時にダウンロードされる。
出力段は別個のフローティング電源を使用したバランス型ドライバの特徴を持っており，アンバランス型の負荷が接続されても性能が低下することはない。
また，リレーを使用したオーディオミューティングを備えており，電源を立ち上げたとき，または後面パネルでリセットしたときにミューティングを行う。
基板上にマウントされているシステムにはインバータ回路から電源が供給され，この 18 V 入力が全ての内部の PSU 電圧を供給する。この回路はノイズの発生を避けるために FS に同期している。

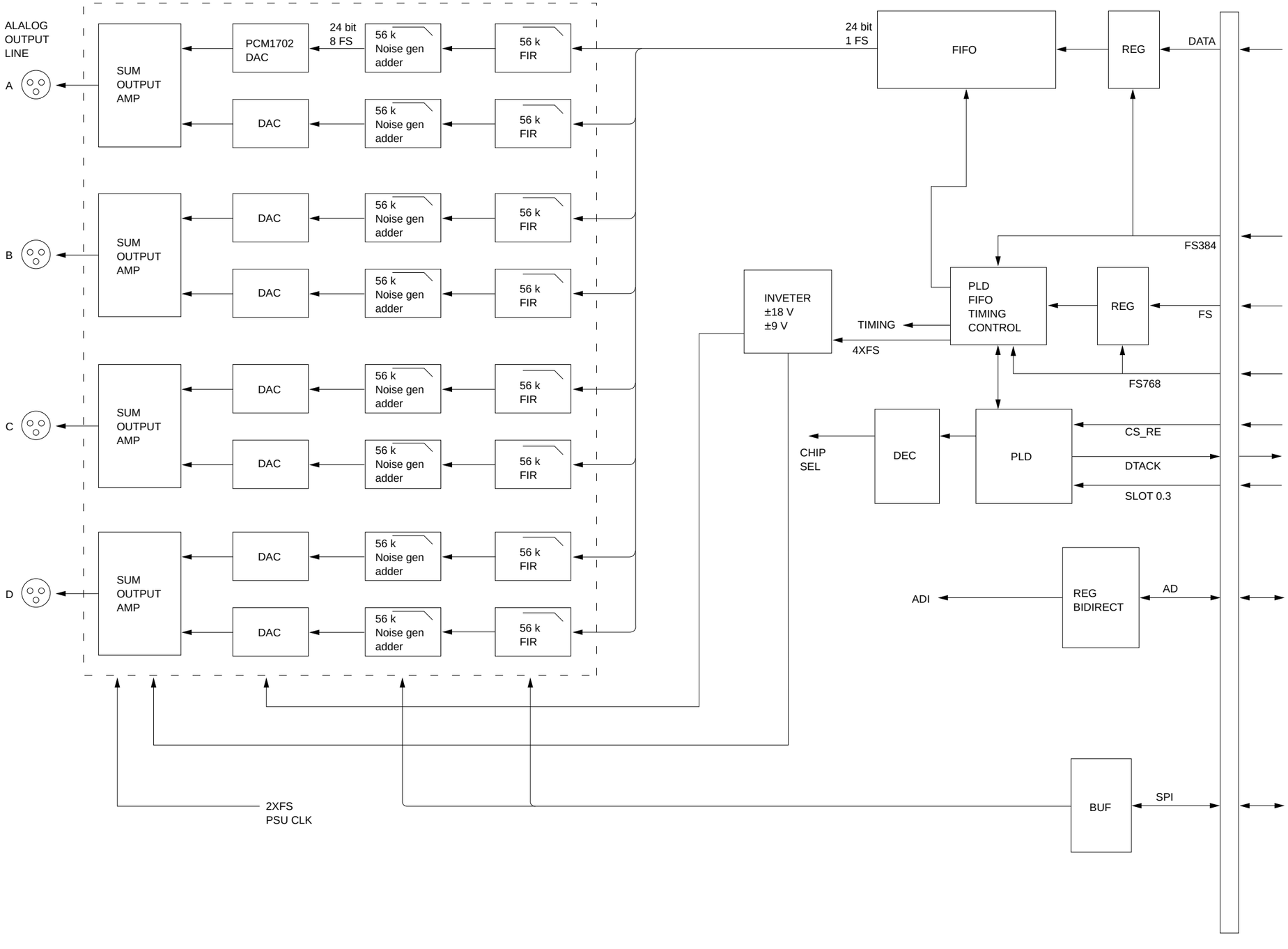
DAC-18 Board (DMBK-R3002)

The OXF-R3 (OXF-R3/24) console system requires a number of digital signals, derived within the console application, to be output in analogue form for monitoring purposes.
The DAC-18 Board (DMBK-R3002) is a conversion interface module used in the I/O RACK OXF-IO3000 in order to convert digital signals into digital analogue signals.
The following describes the main functions of DAC-18 Board (DMBK-R3002).

- Line output
- Gain control
- Normal or low delay filtering.

The DAC-18 Board (DMBK-R3002) consists of 8 channels of D/A converters and balanced line output drivers, optimized for large dynamic ranges encountered in this application. The output drivers serve to increase the level, provide balanced output and reduce output impedance such that the system may be used over long cable runs and a variety of load impedance without compromise in performance.
The output stages are provided with remote gain control in order to set the output level corresponding to digital maximum for optimum matching to external devices. This is achieved by a MDAC with 7 bit control.
Since in critical applications the delay of the conversion process can be a problem, the circuit incorporates a programmable FIR section in the 56004 processor which can be run in low delay mode. In this case there will be a phase error relative to signal frequency.
Each D/A converter section comprises of two PCM1702 converter devices, driven in antiphase with the audio signal. To each signal an in phase random noise signal is added in phase before conversion. The resulting signal is combined in the analogue domain to provide addition of audio signal and rejection of the injected noise. The resulting errors due to non-linearities in the converters are thus converted into a noise component which does not have any audible harmonic relationship to the signal.
The band limiting filter, noise generation and addition is carried out by on board 56004 processor, the program and coefficients being stored in the I/O Link Board (PIF-14 Board). These being down loaded at boot-up.
The output stage features a balanced driver using a separate and floating power supply to provide no loss of performance under unbalanced loading conditions.
Audio muting is provided by a relay, occurring during power-up or back plane reset true conditions.
Power supply for onboard system is proceeded by and inverter cct. This inputs 18Volts and provides all internal PSU voltages. The circuit is synchronous to FS to avoid noise generation.

DMBK-R3002 : S/N 10001 and Higher



ADC-26 基板 (DMBK-R3003)

OXF-R3 (OXF-R3/24) コンソールシステムは多系統のアナログ信号をシステムへ入力する必要がある。
ADC-26 基板 (DMBK-R3003) は I/O RACK OXF-IO3000 に装着して使用するインターフェース基板で、アナログ信号をデジタル PCM フォーマットに変換する。ADC-26 基板 (DMBK-R3003) は ADC-25 基板 (DMBK-R3001) のローコストバージョンで、要求度の低いマイクロホン入力および一般のアナログ入力に使用される。
ADC-26 基板 (DMBK-R3003) の主な機能を以下に示す。

- マイク入力
- ライン入力
- ゲインコントロール
- ファンタム電源
- 通常の遅延フィルタまたは微遅延フィルタ

ADC-26 基板はコンソール用として最適化され、広いダイナミックレンジを有する 8 チャンネルのマイクアンプと A/D コンバーターから構成されている。ここの入力アンプは A/D コンバータが最適の動作範囲を一杯に使い最小のノイズレベルで動作するように入力信号のゲインを増幅する。
又入力段もファンタム電源、ゲインのリモートコントロール等とマッチングを実現している。
更に、ラインアッテネータをリモートコントロールで切り替えることが可能で、必要な場合はラインの信号レベルを調整することができる。
音楽的に非常に高度な用途では A/D 変換過程での信号の遅延が問題になることがある。この対策として本回路には 56004 プロセッサーにプログラマブル FIR 部を使用し、遅延量の少ないモードでも動作することができる。遅延量の少ないモードでの動作では、信号周波数に比例した位相エラーが発生する。

マイクアンプ部はハイブリッド構成となっており、LM394 入力トランジスタをローノイズインピーダンスマッチングに、また NE5532オペレーションアンプを低歪率ループゲイン用に使用している。ゲインコントロールはリレーでスイッチされた抵抗を組み合わせて、6 dBステップでコントロールできる。

A/Dコンバータ部はAK5390 フロントエンドで構成されており、ステレオ入力として使用するか、または各々に2系統のモノラル信号として変換を行っている。
コンバーターからの 1 ビット、64FS 出力は、ソニー SBM プロセッサー IC 内で、56004 FIR で適切な 2FS 信号を得るためにフィルタ処理される。
56004 FIR 部用の全ての FIR プロセス係数は I/O LINK 基板 (PIF-14 基板) にセーブされており、ブートアップ時にダウンロードされる。フィルタ形式による違い (例えば遅延量の違い) により、オーディオミュートが必要である。
基板上にマウントされているシステムのためにインバータ回路から電源が供給される。この 18 V 入力が全ての内部の PSU電圧を供給している。この回路はノイズの発生を避けるために FS に同期している。

ADC-26 Board (DMBK-R3003)

The OXF-R3 (OXF-R3/24) console system requires a number of analogue signals to be input to the system.
The ADC-26 board (DMBK-R3003) is a conversion interface module used in the I/O RACK OXF-IO3000 in order to convert analogue signals into digital PCM format. It is intended as a lower cost version of the ADC-25 board (DMBK-R3001), destined for less demanding microphone and general input applications.
The following describes the main functions of ADC-26 board (DMBK-R3003).

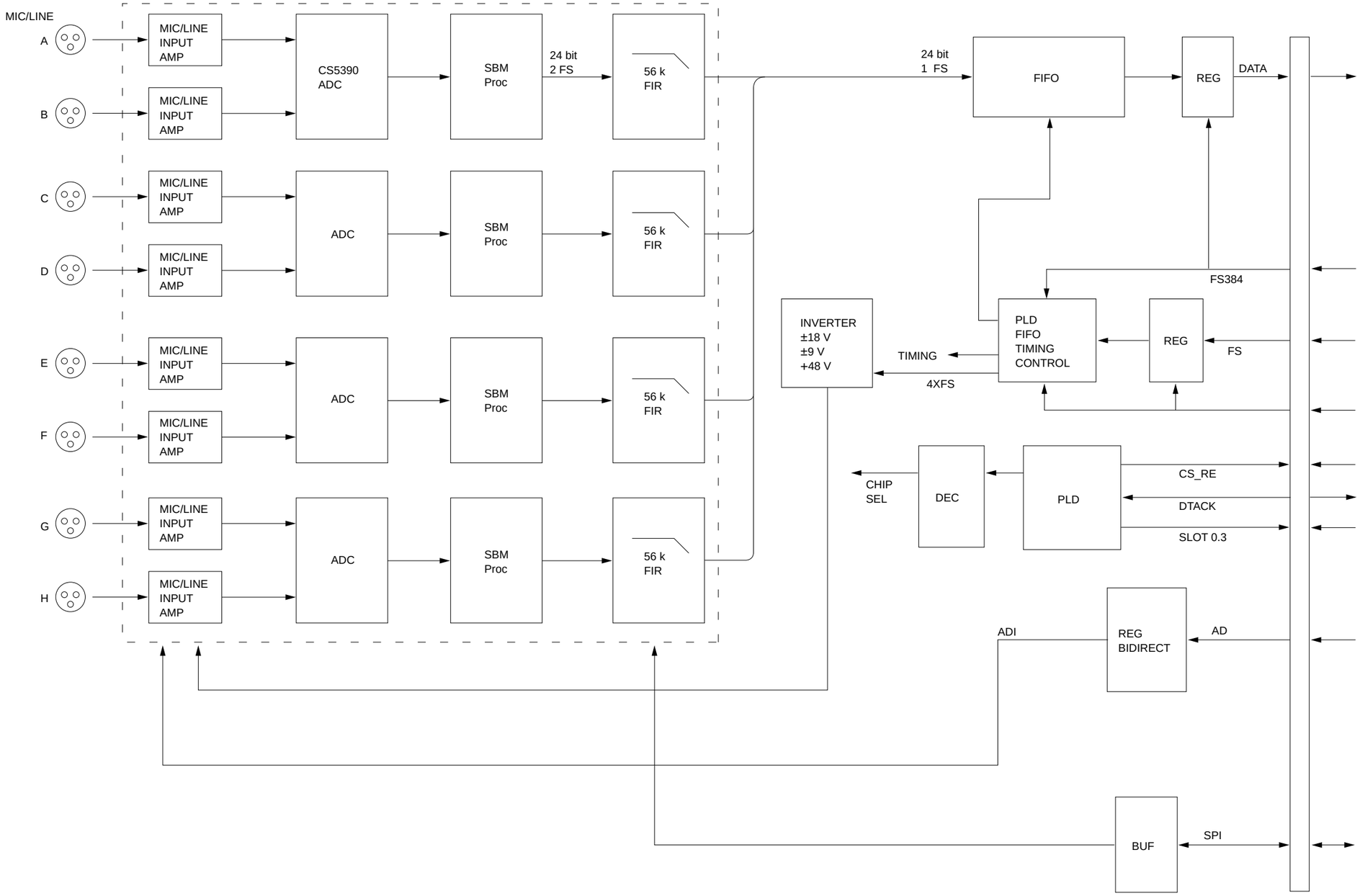
- Mic input
- Line input
- Gain control
- Phantom power
- Normal or low delay filtering.

The ADC-26 board (DMBK-R3003) consists of 8 channels of Mic amplifiers and A/D converters optimized for large dynamic ranges encountered in this application.
The input amplifiers serve to increase the gain such that the A/D converter may be used over the optimum range for minimum noise. Also the input stages provide matching for phantom powering, and remote gain control.
In addition there is a switched line attenuator which is selected remotely, allowing line level signals to be accommodated when required.
Since in critical applications the delay of the conversion process can be a problem, the circuit incorporates a programmable FIR section in the 56004 processor which can be run in low delay mode. In this case there will be a phase error relative to signal frequency.

The Mic amplifier section is a hybrid design utilizing LM394 input transistors for low impedance noise matching and NE5532 opamps for low distortion loop gain. Gain control is accomplished via relay switched resistors giving 6 dB stepped control.

Each A/D converter section comprises of a AK5390 front end, the stereo inputs are each assigned to and input channel providing 2 mono conversions.
The 1 bit 64FS resulting from the converter is then filtered and decimated in Sony SBM processor IC in order to obtain a 2FS signal suitable for bandpass limiting by the 56004 FIR.
All FIR processing coefficients for the 56004 FIR sections are stored on the I/O LINK Board (PIF-14 Board) and are down loaded at boot-up. Changes in filter type (ie low delay) will require audio mute whilst new coefficients download etc..
Power supply for onboard systems is provided by an inverter cct. This inputs 18Volts and provides all internal PSU voltages. The circuit is synchronous to FS to avoid noise generation.

DMBK-R3003 : S/N 10001 and Higher



DAC-19 基板 (DMBK-R3004)

OXF-R3 (OXF-R3/24) コンソールシステムはコンソールとしての使用目的故に，多数のデジタル信号をアナログ信号に変換しモニター用として出力する必要がある。
DAC-19 基板 (DMBK-R3004) は I/O RACK OXF-IO3000 に装着して使用する LINE D/ACONVERTER基板で，デジタル信号をアナログ信号に変換するために使用される。
DAC-19 基板 (DMBK-R3004) の主な機能を以下に示す。

- ライン出力
- ゲインコントロール
- 通常の遅延フィルタまたは微遅延フィルタ

DAC-19 基板 (DMBK-R3004) はコンソール用として最適化され，広いダイナミックレンジを有する8チャンネルのD/Aコンバーターとライン出力ドライバ (バランス型) で構成されている。出力ドライバは，システムが長い距離のケーブルを使用しても，また広い範囲の負荷インピーダンスと接続しても特性が劣化しないように，信号レベルを増幅し，バランス出力を行い，出力インピーダンスを下げている。
音楽的に非常に高度な用途では，D/A変換過程での信号の遅延が問題になることがある。
この対策として本回路には56004プロセッサーにプログラマブルFIR部を使用し，遅延量の少ないモードでも動作することができる。遅延量の少ないモードでの動作では，信号周波数に比例した位相エラーが発生する。
DAC-19基板 (DMBK-R3004) はDAC-18基板 (DMBK-R3002) のローコストバージョンで，ヘッドホンへの出力と基板外のエフェクトユニットへの出力に使用される。
各々のD/Aコンバータ部は，PCM1702コンバータデバイスを1個使用しており，D/A変換を行う前に，各々のオーディオ信号にランダムノイズ信号をそれぞれに加えている。
結果として生じる信号は，アナログ領域でオーディオ信号に逆位相のノイズ信号が加えられてノイズが打ち消された信号が得られる。したがって，コンバータの非直線性に起因するエラーはノイズ成分に変換され，出力信号には耳に聞こえる高調波成分を持たなくなる。
帯域制限フィルタ，ノイズの発生，およびびその加算は基板上の 56004 プロセッサで行う。
プログラムと係数は I/O LINK 基板 (PIF-14 基板) にセーブされており，ブートアップ時にダウンロードされる。
ランダムノイズ信号，これはすべての DAC-19 基板のチャンネルに共通で，I/O LINK 基板上の 56004 から供給される。
フィルタ旒式による違い (例えば遅延量の違い) により，新しい係数をダウンロードすると共にオーディオミュートが必要である。
出力段は従来のフィードバック型出力段 (バランス型) で，アンバランス型の負荷が接続されたときの性能の低下は，出力インピーダンスを高めにしていることで最小に抑えている。
リレーを使用したオーディオミューティングを備えており，電源を立ち上げたとき，または後面パネルでリセットしたときにミューティングを行う。
基板上にマウントされているシステムにはインバータ回路から電源が供給され，この 18 V 入力が全ての内部の PSU 電圧を供給している。この回路はノイズの発生を避けるためにFS に同期している。

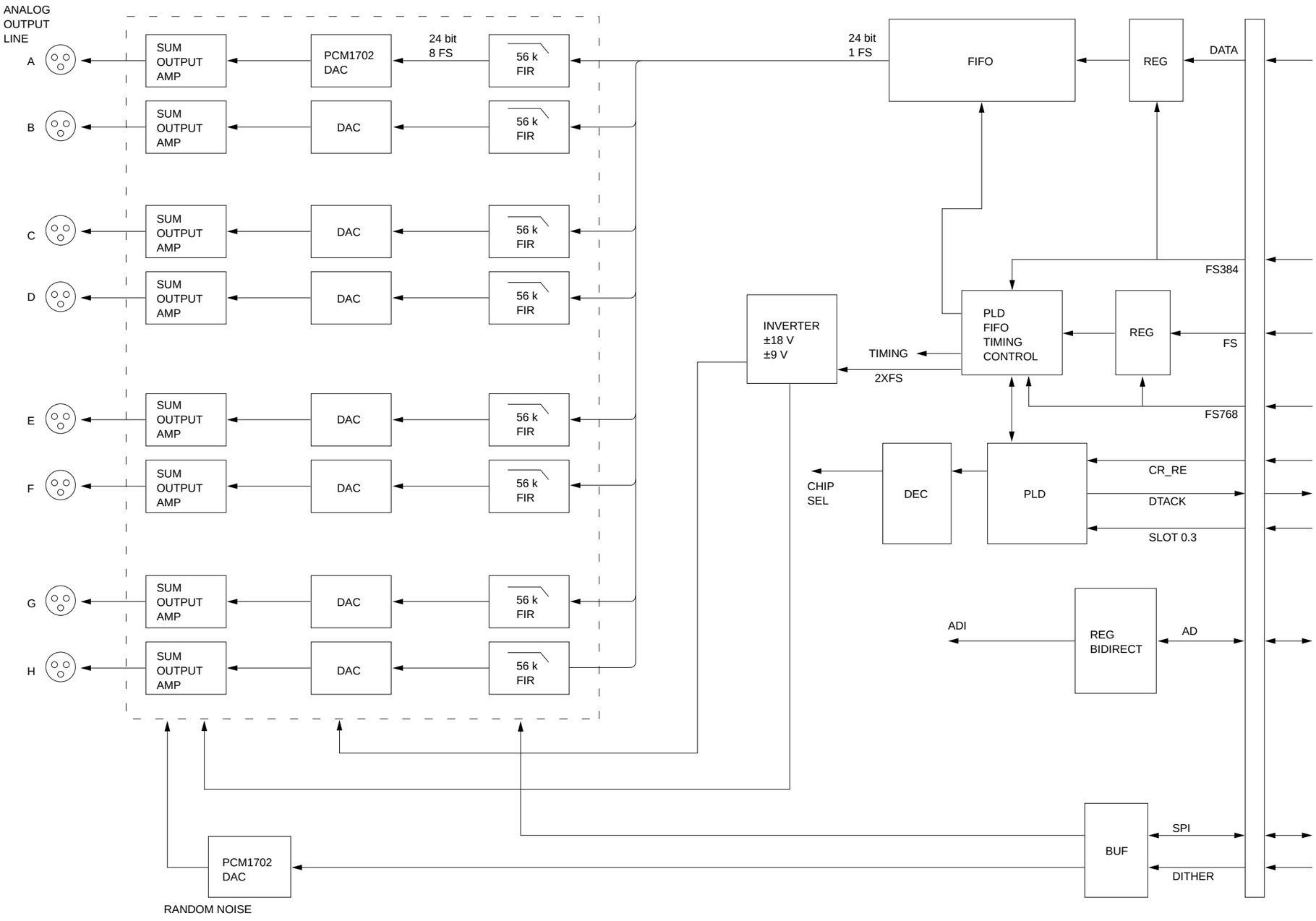
DAC-19 Board (DMBK-R3004)

The OXF-R3 (OXF-R3/24) console system requires a number of digital signals, derived within the console application, to be output in analogue form for monitoring purposes.
The DAC-19 Board (DMBK-R3004) is a conversion interface module used in the I/O RACK OXF-IO3000 in order to convert digital signals into analogue signals.
The following the main function of DAC-19 Board (DMBK-R3004).

- Line output
- Gain control
- Normal or low delay filtering.

The DAC-19 board (DMBK-R3004) consists of 8 channels of D/A converters and balanced line output drivers, optimized for large dynamic ranges encountered in this application. The output drivers serve to increase the level, provide balanced output and reduce output impedance such that the system may be used over long cable runs and a variety of load impedance without compromise in performance.
Since in critical applications the delay of the conversion process can be a problem, the circuit incorporates a programmable FIR section in the 56004 processor which can be run in low delay mode. In this case there will be a phase error relative to signal frequency.
This design is intended as a low cost alternative to the DAC-18 board (DMBK-R3002), providing an acceptable performance for headphone sends and outboard effect units etc. Compromises that have been made are designed to avoid sonic degradation, but include greater frequency response ripple, higher low level harmonic distortion and less immunity to cable loading etc.
Each D/A converter section comprises of a PCM1702 converter device. To each signal a random noise signal is added before conversion. The resulting signal is combined in the analogue domain with and anti-phase version of the noise signal to provide rejection of the injected noise. The resulting errors due to non-linearity in the converters are thus converted into a noise component which does not have any audible harmonic relationship to the signal.
The band limiting filter, noise generation and addition is carried out by an on board 56004 processor, the program and coefficients being stored in the I/O Link Board (PIF-14 Board) . These being down loaded at boot-up. The random noise signal, which is common to all DAC-19 Board and channels, is provided by the 56004 on the I/O Link Board.
Changes in filter type (ie low delay) will require audio mute whilst new coefficients download etc..
The output features a conventional feedback type balanced output stage.
Loss of performance experienced in these designs under unbalanced loading conditions, is minimized by providing a relatively high output impedance.
Audio muting is provided by a relay, occurring during power-up or back plane reset true conditions.
Power supply for onboard system is proceeded by and inverter cct. This inputs 18Volts and provides all internal PSU voltages. The circuit is synchronous to FS to avoid noise generation.

DMBK-R3004 : S/N 10001 and Higher



SDI-22 基板 (DMBK-R3007)

SDI-22 基板 (DMBK-R3007) は，SDIF-2 DIGITAL AUDIO INTERFACE 基板で，I/O RACK OXF-IO3000 に装着して使用する。OXF-R3 (OXF-R3/24) システムでは，オプション扱いとなっている。
SDI-22 基板 (DMBK-R3007) の各ブロックの機能を下記に示す。

RS-422 レシーバー
- SDIF-2フォーマットのバランス信号を受信し，アンバランス信号に変換する。

DI IC (CXD8323Q)
- SDIF-2フォーマットのデジタルオーディオ信号をパラレルデータに変換する。
- SDIF-2フォーマット信号からコントロールビット情報をデコードする。
- コントロールビット情報を CPU バスに転送する。
- 1つの LSI で 4 チャンネル分のSDIF-2入力信号をデコードしている。

DI 用フォーマット変換部
- 24 bit パラレルオーディオデータを DI バスフォーマット (8 bit パラレルバス) に変換する。

DO 用フォーマット変換部
- DO バスフォーマット (8 bit パラレルバス) を 24 bit パラレルオーディオデータに変換する。

DO IC (CXD8324Q)
- 24 bit パラレルデジタルオーディオ信号を SDIF-2 フォーマット信号へエンコードする。
- コントロールビット情報を SDIF-2 フォーマット信号に付加する。
- コントロールビット情報は CPU バス (SDIF-2 フォーマット信号に付加するため) から受けとる。
- 1つの LSI で4チャンネル分の SDIF-2出力信号をエンコードしている。

RS-422 ドライバー
- SDIF-2フォーマット信号をバランス信号として送信する 。
- アンバランス信号をバランス信号に変換する。

コントロールビットインターフェース
- コントロールビットデータを DI IC から CPU バスに渡す。
- コントロールビットデータを CPU バスから DO IC に転送する。

タイミングジェネレータ
- タイミングパルスと必要なクロック信号をクロックバスから生成する。
  (元のクロック信号は I/O LINK 基板 (PIF-14 基板) から転送される。)

CPU コントローラ
- I/O LINK ホスト CPU と SDIF-2 インターフェースブロック間のインターフェース
- アドレスバスをデコードし各ブロックへのコントロール信号を生成する。
- データバスからコントロールデータを生成する。

SDI-22 Board (DMBK-R3007)

The SDI-22 Board (DMBK-R3007) is SDIF-2 Digital Audio Interface board for I/O RACK OXF-IO3000 of OXF-R3 system.
This board is optional board for OXF-R3 (OXF-R3/24) system.
The following describes the function of the each block of SDI-22 board.

RS-422 Receiver
- Receive the SDIF-2 Balanced signal and convert to unbalance signal.

DI IC (CXD8323Q)
- Decode the digital audio signal (SDIF-2 format signal) to parallel data .
- Decode the Control bit information from SDIF-2 format signal
- Transfer the Control bit information to CPU bus.
- One LSI can decode 4 channel SDIF-2 input signal.

Format Converter for DI section
- Convert from 24 bit parallel audio data to DI bus format (8 bit Parallel bus).

Format Converter for DO section
- Convert from DO bus format (8 bit Parallel bus) to 24 bit parallel audio data.

DO IC (CXD8324Q)
- Encode the digital audio signal (24 bit parallel data) to SDIF-2 format signal.
- Attach the Control bit information to SDIF-2 format signal
- Receive the Control bit information from CPU bus (to attach the SDIF-2 signal).
- One LSI can encode 4 channel SDIF-2 output signal.

RS-422 Driver
- Transmit the Balanced SDIF-2 signal.
- Convert the Balanced signal from unbalance signal.

Control bit Interface
- Transfer the Control bit data from DI IC to the CPU bus.
- Transmit the Control bit data from CPU bus to DO IC.

Timing Generator
- Make the timing pulse and required clock signal from Clock bus.
  (The original clock signals are transferred from I/O LINK board (PIF-14 board).)

CPU controller
- Interface between I/O Link Host CPU and SDIF-2 Interface Block.
- Decode the address bus and make the control signal for each block.
- Make the control data from data bus.

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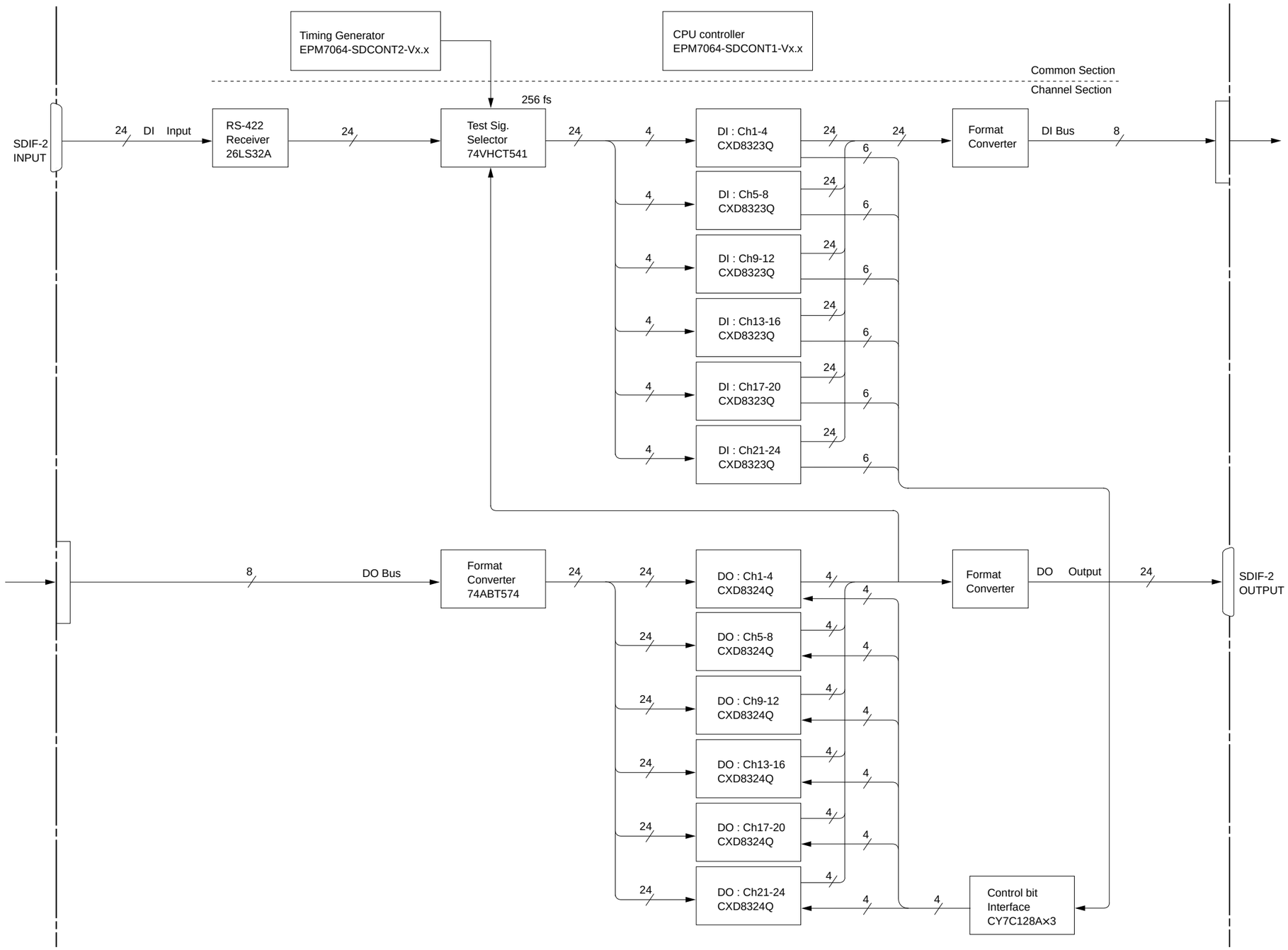
DMBK-R3007 : S/N 10001 and Higher



DIO-24 基板 (DMBK-R3008)

DIO-24 基板 (DMBK-R3008) は AES/EBU DIGITAL AUDIO INTERFACE 基板で，I/O RACK OXF-IO3000 に装着して使用する。
DIO-24 基板 (DMBK-R3008) の各ブロックの機能を以下に示す。

RS-422 レシーバー
- AES/EBU (バランス型) 信号を受信し，不平衡型信号に変換する。

テスト信号セレクター
- このセレクターはシステムテスト時にテスト信号を挿入するために使用される。
- 通常このセレクターは入力信号を選択している。

DI IC (CXD8278AQ)
- AES/EBU フォーマットのデジタル信号をデコードする。
- AES/EBU 信号からの サブコード情報をデコードする。
- サブコード情報を CPU バスへ転送する。

サンプリング レートコンバータ (S.R.C.)
- 28 kHz から 54 kHz のデジタル入力信号をシステムクロックレートの信号に変換する。
- システムクロックレートの信号 (入力) を，入力側の周波数に等しい 28 kHz から 54 kHz までの信号 (出力) に変換する。
- SRC (サンプリング レートコンバータ) は全てのデジタル入力基板および デジタル 出力基板に搭載されている。ただし，ソフトウエアは未だサポートしていない。

DI 用フォーマット変換部
- シリアルオーディオデータを DI バスフォーマット (パラレルバス) へ変換する。

DO 用フォーマット変換部
- DO バスフォーマット (パラレルバス) をシリアルオーディオデータへ変換する。

DO IC (CXD8277Q)
- デジタルオーディオ信号をAES/EBU フォーマットの信号へエンコードする。
- サブコード情報を AES/EBU フォーマットの信号へエンコードする。
- サブコード情報を CPU バスから設定する。

RS-422 ドライバー
- AES/EBU (バランス型) フォーマット信号を送信する。
- アンバランス信号をバランス信号に変換する。

タイミングジェネレータ
- タイミングパルスと必要なクロック信号をクロックバスから作成する。
  (原クロック信号は I/O LINK 基板 (PIF-14 基板) から転送されてくる)
- この基板は 40 MHz 発振子を内蔵している。このクロックは DI ブロックのデジタル PLLのために使用され，またこのクロックは 1/2 (20 MHz) に分 周されてサンプリング レートコンバータのシステムクロックに使用される。

CPU コントローラ
- I/O リンクホスト CPU と AES/EBUDIGITAL AUDIO インターフェースブロック間のインターフェース
- アドレスバスをデコードし，各ブロックへのコントロール信号を生成
- データバスからコントロールデータを生成

DIO-24 Board (DMBK-R3008)

The DIO-24 Board (DMBK-R3008) is AES/EBU Digital Audio Interface board for I/O RACK OXF-IO3000 of OXF-R3 (OXF-R3/24) system.
The following describes the function of the each block of DIO-24 Board (DMBK-R3008).

RS-422 Receiver
- Receive the AES/EBU signal and convert the unbalance signal.

Test Signal Selector
- This Selector is used to insert the test signal at system test.
- Normally, this selector selected the input signal.

DI IC (CXD8278AQ)
- Decode the digital audio signal from AES/EBU format signal.
- Decode the Sub-code information from AES/EBU signal.
- Transfer the Sub-code information to CPU bus.

Sampling Rate Converter (S.R.C.)
- Convert from 28 kHz through 54 kHz digital input signal to convert the system clock rate signal.
- Convert from system clock rate signal (input) to 28 kHz through 54 kHz signal (output) that are same frequency rate of the Input side.
- SRC (Sampling Rate Converter) are mounted on all Digital Inputs and all Digital Outputs, However, it is not supported yet by software.

Format Converter for DI section.
- Convert from serial audio data to DI bus format (Parallel Bus)

Format Converter for DO section
- Convert from the DO bus format (Parallel Bus) data to serial audio data.

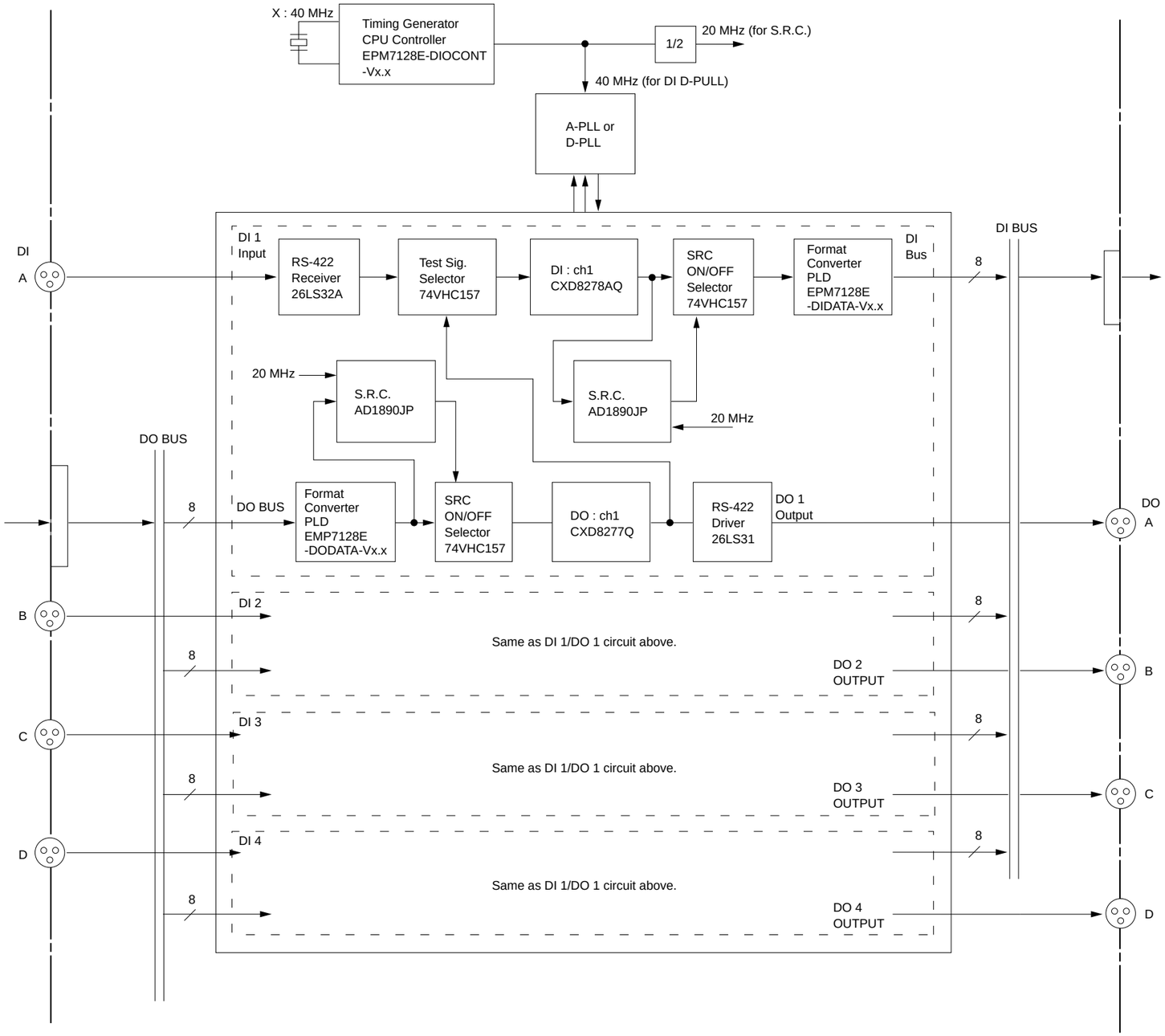
DO IC (CXD8277Q)
- Encode the digital audio signal to AES/EBU format signal.
- Encode the Sub-code information to AES/EBU format signal.
- Set the Sub-code information from CPU bus.

RS-422 Driver
- Transmit the AES/EBU (Balanced) format signal.
- Convert from unbalanced signal to balanced signal.

Timing Generator :
- Make the timing pulse and required clock signal from Clock bus.
  (The original clock signals are transferred from I/O Link board (PIF-14 board).)
- This board has the 40 MHz Crystal Oscillator. This clock is used for Digital PLL of the DI block. Also, this clock is divided to 1/2 (make 20MHz) that is used for system clock of the Sampling Rate Converter.

CPU Controller
- Interface between I/O Link Host CPU and AES/EBU DIGITAL AUDIO Interface Block.
- Decode the address bus and make the control signal for each block.
- Make the control data from data bus.

DMBK-R3008 : S/N 10001 and Higher



TC-72 基板 (DMBK-R3009)

TC-72 基板 (DMBK-R3009) は，TIME CODE READER/GENERATOR AND MIDI INTERFACE 基板で I/O RACK OXF-IO3000 に装着して使用する。
TC-72 基板 (DMBK-R3009) の各ブロックの機能を以下に示す。

MIDI インターフェース
- TC-72 基板には MIDI 入出力バッファー回路だけがある。
- MIDI 入力にはフォトカプラを使用して入力信号を TC-72 基板のその他の回路と DC 的に絶縁している。
- MIDI INPUT は I/O LINK 基板 (PIF-14 基板) と MIDI スルー出力コネクタに送られる。
- MIDIOUTPUT は I/O LINK 基板 (PIF-14 基板) から送られてくる MIDI 信号を出力する。

TC レシーバー
- バランス入力信号をアンバランス信号に変換し，TC IC 入力レベルと一致するように信号レベルをシフトする。

TC IC (CXD8384Q)
- タイムコード信号を受信し，タイムコードデータをデコードする。
- デコードしたタイムコード データを I/O LINK CPU バスに転送する。
- 内蔵タイムコードジェネレータでタイムコード データを生成する。
- タイムコードジェネレータのコントロールレジスタは，I/O LINK CPU バスから設定することができる。
- この IC は，IC のシステムクロックとして使用する 13.5 MHz 水晶発振器を内蔵している。

TC ドライバー
- アンバランス入力信号をバランス信号に変換する。
- タイムコード IC 出力信号のインピーダンスを変換する。

Video Sync セパレータ
- Reference ビデオ入力信号からビデオフィールドクロックを生成する。
- Video Sync separator にはビデオスルー出力がある。

ダミービデオフレームジェネレータ
- タイムコード IC 用にビデオフィールド信号の代わりにクロック信号を生成する。
- この回路はダミービデオフレームクロックを生成する 6 MHz 水晶発振器を内蔵している。

フレームセレクタ
- このブロックは，タイムコード IC のフレームクロック入力信号を選択する。
- もしビデオ信号が使用可能であれば，この回路は Video Sync Separator の出力を選択する。

サンプルアドレスカウンタ
- 複数の IO ラック間の通信に発生するタイムコード情報のディレイを補正するカウンタ。

TC-72 Board (DMBK-R3010)

The TC-72 Board (DMBK-R3010) is Time code Reader / Generator and MIDI Interface board for I/O RACK OXF-IO3000 of OXF-R3 (OXF-R3/24) system.
The following the function of the each block of TC-72 Board (DMBK-R3010).

MIDI Interface
- TC-72 board has only physical MIDI input/output buffer circuit.
- MIDI input is used the photo-coupler to isolate between input signal and other circuits of TC-72 board.
- MIDI input signal is routed to I/O LINK board (PIF-14 board) and MIDI through output.
- MIDI output is transmitted the MIDI signal from I/O LINK board (PIF-14 board).

TC Receiver
- Convert the Balanced input signal to unbalanced signal.
- Change the Signal level to match the TC IC input level.

TC IC (CXD8384Q)
- Receive the Time Code signal and decode the TC data.
- Transfer the decoded Time Code data to the I/O Link CPU bus.
- Make the Time Code Data by the Internal Time code generator circuit.
- The control register of the Time Code Generator can be set from I/O link CPU bus.
- This IC has the 13.5MHz crystal oscillator to use system clock of this IC.

TC Driver
- Convert the unbalanced input signal to balanced signal.
- Change Output signal impedance from TC IC output.

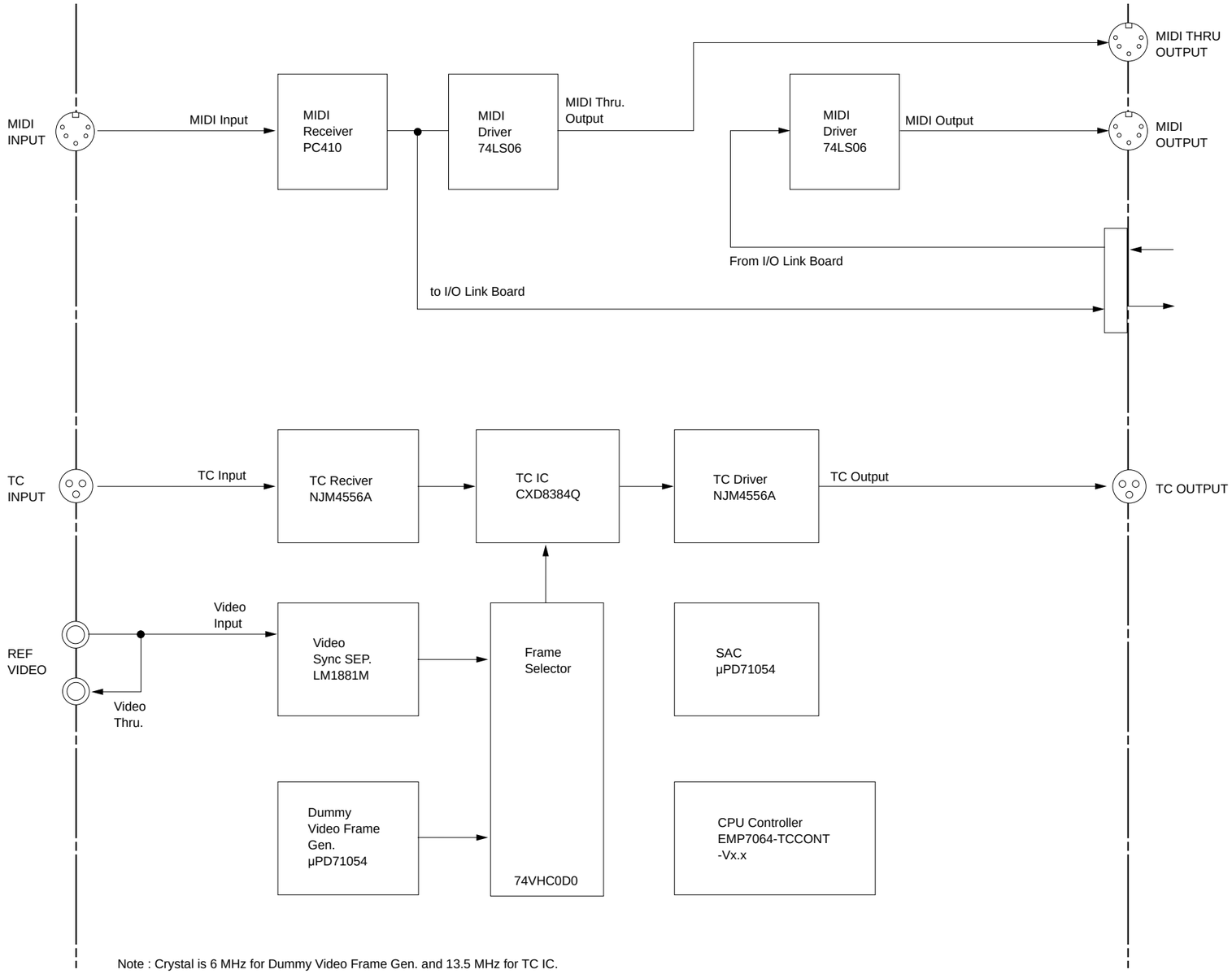
Video Sync Separator
- Generate the Video Field clock from the Reference Video input signal.
- Video Sync Separator block has the video through output.

Dummy Video Frame Generator
- Make the clock signal instead of video field signal for TC IC.
- This circuit has the 6MHz crystal oscillator to make the dummy video frame clock.

Frame Selector :
- This circuit is selected the Input of TC IC Frame clock input.
- If video signal is available, this circuit is selected on the output of video sync separator.

Sample Address Counter
- It compensates the delay of the timecode information that is generated during communication between the multiple I/O racks

DMBK-R3009 : S/N 10001 and Higher



Note : Crystal is 6 MHz for Dummy Video Frame Gen. and 13.5 MHz for TC IC.

IF-582 基板 (DMBK-R3010)

IF-582 基板 (DMBK-R3010) は，GPI/SRIF-4 インターフェース基板で，I/O RACK OXF-IO3000 に装着して使用する。
IF-582 基板 (DMBK-R3010) の各ブロックの機能を下記に示す。

CPU コントローラ
- I/O LINK ホスト CPU と GPI/SRIF-4 インターフェースブロック間のインターフェース
- GPIコマンドとSRIF-4 記録用コントロール信号をデコードする。
- GPI I/O 選択スイッチブロックの I/O 設定スイッチのステータスを読みだす。

SRIF-4 インターフェース
- 記録用コントロール信号をテープレコーダに送信する。
- フォトアイソレータ (PC847) を使用してテープレコーダと IF-582 基板を DC 的に絶縁する。

General Purpose Interface
- 汎用コントロールパルスを生成し，このコントロールパルスを外部デバイスに送信する。
- 外部デバイスからステータス信号を受信する。
- このブロックは 12 チャンネルの信号の各入力／出力が切り替え可能となっている。

IF-582 Board (DMBK-R3010)

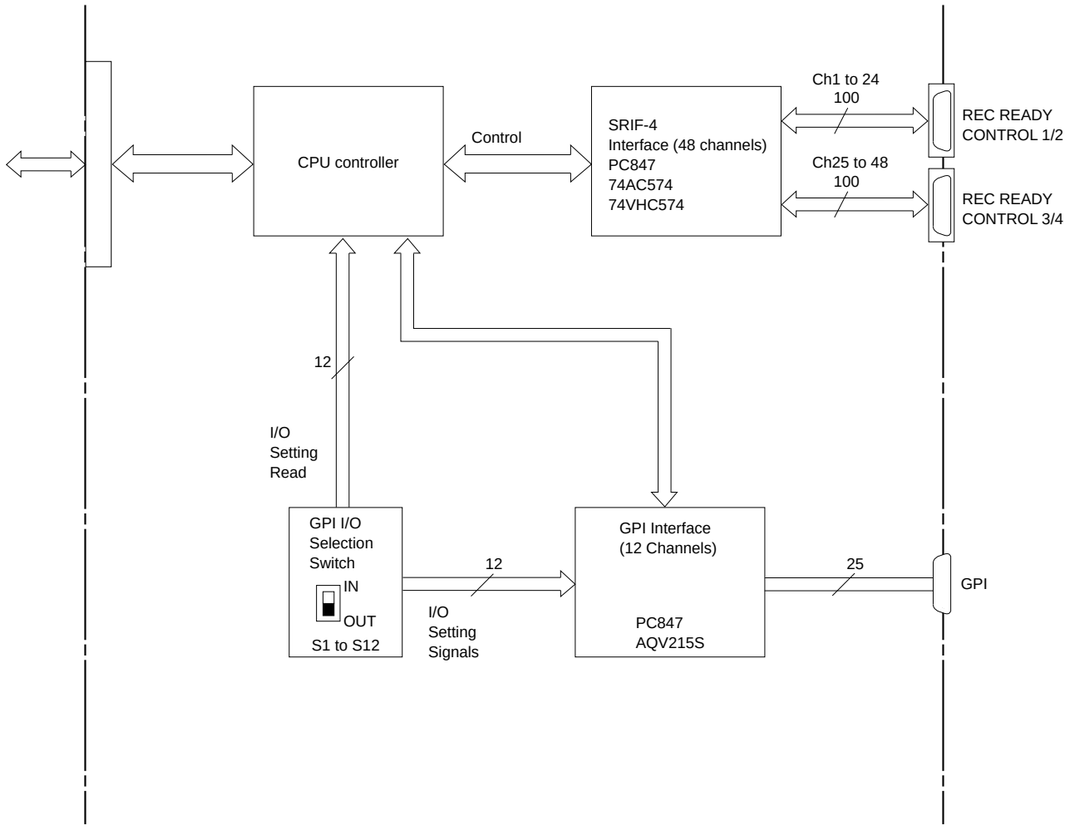
The IF-582 Board(DMBK-R3010) is SRIF-4 Interface board for I/O RACK OXF-IO3000 of OXF-R3 system. The following describes the function of the each block of IF-582 Board(DMBK-R3010).

CPU Controller
- Interface between I/O Link Host CPU and GPI / SRIF-4 Interface Block.
- Decode the GPI Commands and SRIF-4 Recording control signals.
- Read the status of the I/O setting switches on GPI I/O Selection Switch block.

SRIF-4 Interface
- Transmit the Recording control signals to Tape Machine.
- Photo Isolator (PC847) is used to isolate between Tape machine and IF-582 board.

General Purpose Interface
- Make the Control Pulse for general purpose and transmit this control pulse to external devices.
- Receive the status signals from external devices.
- This block has each Input / Output selectable 12 signal paths.

DMBK-R3010 : S/N 10001 and Higher



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SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)

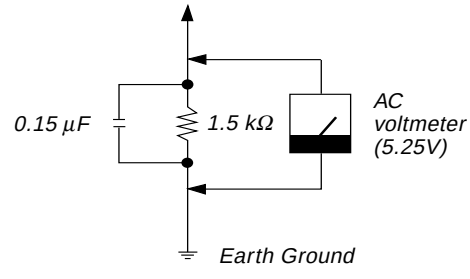

Fig A. Using an AC voltmeter to check AC leakage.

OXF-R3
OXF-R3/24 (J, UC, CE) J, E
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